

Vishnu Waman Thakur Charitable Trust's VIVA Institute of Technology

Approved By AICTE, New Delhi, DTE, Govt. of Maharashtra Affiliated to the University of Mumbai Shirgaon, Virar(E.), Dist: Palghar- 401305, Maharashtra

Criteria 1- Curricular Aspects

Key Indicator – 1.2 Academic Flexibility

1.2.1 & 1.2.2: Number of Add on/Certificate/ Value Added programs offered during the last five years





VIVA Institute of Technology

Approved By AICTE, New Delhi, DTE, Govt. of Maharashtra Affiliated to the University of Mumbai Shirgaon, Virar(E.), Dist: Palghar- 401305, Maharashtra

1.2.1: Number of students enrolled in Certificate/ Value added courses and also completed online courses of MOOCs, SWAYAM, NPTEL etc. as against the total number of students during the last five years

Year	2021-22	2020-21	2019-20	2018-19	2017-18
Courses offered	13	01	15	15	15
No. of students enrolled	425	74	517	543	549
No. of students completed	425	52	517	543	548

Total number of courses offered during last five years = 59





VIVA Institute of Technology

Approved By AICTE, New Delhi, DTE, Govt. of Maharashtra Affiliated to the University of Mumbai Shirgaon, Virar(E.), Dist: Palghar- 401305, Maharashtra

Reference Link

- 1) All Value added program certificate: https://www.viva-technology.org/New/wp-content/uploads/2023/06/1.2.1-VAC certificate-.pdf
- 2) All Value added program attendance sheet: https://www.viva-technology.org/New/wp-content/uploads/2023/06/1.2.1-VAC attendance.pdf
- 3) All Value added program Report: https://www.viva-technology.org/New/wp-content/uploads/2023/06/1.2.1-VAC_Report.pdf

INDEX

Sr	Content	Page No.
No.		
1	Number of Add on/Certificate/ Value Added programs offered during A.Y. 2021-22	6-101
2	Number of Add on/Certificate/ Value Added programs offered during A.Y. 2020-21	102-108
3	Number of Add on/Certificate/ Value Added programs offered during A.Y. 2019-20	109-206
4	Number of Add on/Certificate/ Value Added programs offered during A.Y. 2018-19	207-302
5	Number of Add on/Certificate/ Value Added programs offered during A.Y. 2017-18	303-402





VIVA Institute of Technology

Approved By AICTE, New Delhi, DTE, Govt. of Maharashtra Affiliated to the University of Mumbai Shirgaon, Virar(E.), Dist: Palghar- 401305, Maharashtra

List of Value added Courses offered during last five years.

Sr. No	Year	Course Name	No. of student count attended
1	2021-22	Learning with Python	13
2	2021-22	Automation Using IOT	57
3	2021-22	Nirman-Arduino Workshop	8
4	2021-22	OOP Bridge Course	9
5	2021-22	Skill based Laboratories	74
6	2021-22	Introduction to NDT	15
7	2021-22	ANSYS (Engineering Simulation)	15
8	2021-22	Introduction to Dye Penetrant Non Destructive Testing (DT) Method	30
9	2021-22	ELECTRICAL INSTALLATION	22
10	2021-22	Printed circuit board design	24
11	2021-22	Electrical Safety Practices	24
12	2021-22	MSP & PRIMAVERA	24
13	2021-22	Advanced concrete technology	110
14		Learning Programming Using Python	52
	2020-21		
15	2019-20	Programming with JAVA	22
16	2019-20	Learning with Python	15
17	2019-20	Machine Learning and Deep Learning	51
18	2019 -20	OOP	75
19	2019-20	Nirman-Arduino Workshop	16
20	2019-20	MATLAB and Simulink for Research	49
21	2019-20	ADVANCE SOLID WORKS	15
22	2019-20	ANSYS (Engineering Simulation)	15
23		Introduction to Magnetic Particle Non Destructive	30
	2019-20	Testing (MT) Method	
24	2019-20.	ELECTRICAL INSTALLATION	15
25	2019-20	Printed circuit board design	17
26	2019-20.	Electrical Safety Practices	15
27	2019-20.	MSP & PRIMAVERA	26
28	2019-20	Emerging techniques in Civil Engineering	126





VIVA Institute of Technology Approved By AICTE, New Delhi, DTE, Govt. of Maharashtra Affiliated to the University of Mumbai

Shirgaon, Virar(E.), Dist: Palghar- 401305, Maharashtra

29	2019-20	Soft Skills	30
30	2018-19	Programming with JAVA	17
31	2018-19	Learning with Python	20
32	2018-19	NETWORK SECURITY AND CRYPTOGRAPHY	57
33	2018-19	Nirman-Arduino Workshop	26
34	2018-19	PCB Design Workshop	60
35	2018-19	Research Methodology Tools	73
36	2018-19	ELECTRICAL INSTALLATION	15
37	2018-19	Printed circuit board design	17
38	2018-19	Electrical Safety Practices	16
39	2018-19	ADVANCE SOLID WORKS	17
40	2018-19	ANSYS (Engineering Simulation)	15
41	2018-19	Introduction to Radiography Non Destructive Testing (RT) Method	30
42	2018-19	MSP & PRIMAVERA	22
43	2018-19	Matlab	128
44	2018-19	Soft Skills	30
45	2017-18	Programming with JAVA	20
46	2017-18	Learning with Python	15
47	2017-18	Natural Language Processing	69
48	2017-18	SOFTWARE WORKSHOP	54
49	2017-18	Nirman-Arduino Workshop	15
50	2017-18	VLSI Design & Embedded Systems	78
51	2017-18	ADVANCE SOLID WORKS	15
52	2017-18	ANSYS (Engineering Simulation)	17
53	2017-18	Introduction to Ultrasonic Non Destructive Testing (UT) Method	30
54	2017-18	ELECTRICAL INSTALLATION	15
55	2017-18	Printed circuit board design	10
56	2017-18	Electrical Safety Practices	16
57	2017-18	MSP & PRIMAVERA	26
58	2017-18	Recent trends in Civil Engineering	138
59	2017-18	Soft Skills	30





Vishnu Waman Thakur Charitable Trust's VIVA Institute of Technology

Approved By AICTE, New Delhi, DTE, Govt. of Maharashtra Affiliated to the University of Mumbai Shirgaon, Virar(E.), Dist: Palghar- 401305, Maharashtra

A.Y. 2021-2022





Academic Year 2021 - 22

Course name: - Learning with Python Duration: - 3rd Jan 2022 to 7th Jan 2022 Venue: - VIVA Institute of Technology

Co-ordinator: - Prof. Vinit Raut

Enrolled students: - 13

Course Objective:-

1. To create fully functional Python programs

2. To understand user input

3. To learn about loop structures and conditionals

4. To work with Python file handling

Course Outcomes: -

After successful completion of the course, the students are able to

- 1. Describe the basics of the Python programming language
- 2. Install Python and write first program
- 3. Use variables to store, retrieve and calculate information
- 4. Utilize core programming tools such as functions and loops
- 5. Explain the basic principles of Python programming language

Course Schedule: -

Days	Morning Session (9 am to 12 pm)	Afternoon Session (1 pm to 4 pm)
1	Introduction	Install Python and basic python program
2	Basic syntax , variables and strings	Lists, Tuples and Dictionaries. Exercise
3	If-else statements, For loop	While loop, Pass, break and continue Exercise
4	Understanding Functions	File handling – opening and reading
5 -	Classes and Objects	Exercise Quiz



Vishou Warnen "thakur Charitable Trust's VIVA INSTITUTE OF TECHNOLOGY

Computer engg. department of VIVA Institute of Technology conducted a course on "Learning with Python" for second and third year students. Total 13 students had been enrolled for this course.

This course was conducted by Prof. Vinit Raut in order to provide basic

knowledge of Python programming. This was 30 hrs. certificate course. During the course students learned how to install Python. They learned all the basic of python like variables, lists, strings. Also students study conditional statements and loops. This course also cover functions and file handling. Students enjoyed the course and completed it successfully.

CO-PO Mapping: -

Course	1	Program Outcome													
Outcom	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	9 9	10	11	12			
CO 1	3	-	-	-	-	2	-	•	*	-	-	-			
CO2	3	-	-			-	-	-	-	-	*	*			
CO3		*	3	-	-	-		-		-	-	-			
CO4	-		3	2	-	-	-	-		-	*	-			
CO5		3	-	-	+	-	-	-		7	1	1			
-	3	3	3	2	-	-	+	-	+.	-	1	1			

COs	POs	Justification						
CO1	PO1	Strongly mapped as the students will be able to analyse the problem to be implemented using basics of Python.						
CO2	PO1	Strongly mapped as the students will be able to identify the technique required to implement the problem.						
CO3	PO3	Slightly mapped as the students will be able to find a solution for the problem identified.						
CO4	PO3	Strongly mapped as the students will be able to find the relevant tools to implement the problem stated.						
	PO4	Moderately mapped as the students will be able to find a feasible solution for the problem designed.						
CO5	PO2	Strongly mapped as the students will be able to develop design methodologies for the system to be developed.						



Ashwini Save HOD, Computer Engg.



Academic Year 2021 - 22

Course Name:- Learning With Python Course Duration:- 3rd Jan to 7th Jan 2022

		-		Alten	dance Sheet				47000		-
	400000000000000000000000000000000000000	Annual Section Section 19 Control of the Control of	113822	and the state of t	1002	0510	1/2022	961	1/2022	07/01/2022	
Sr. Peo.	Name of Student	Session (2 to 12)	Attenuose Session (1 to 4)	Morning Seasing (9 to 12)	Afternoon Session (1 to 4)	Morning Beasine (9 to 12)	Afternoon Session (1 to 4)	Morrong Session (9 to 12)	Afternoon Session (1 to 4)	Session (9 to 12)	Afternoon Session (1 5s 4)
	Poojari Amh Harish	Aoneh	Auch	french	Amale	Agmen	Barren	Amen	Amsh	- Amen	Amst
ÿ.	Aryan Manish Rout	NP	-AR	AR	AR	AR	AP	AR	AR	AP	AP
3	Neta Milind Kadam	Neha	Haha	Neha	Neba	Noba	Noha	Naha	None	Neha	Noha
×	Handral Maharu Patil	Bali	-A-	Hall	Haki	That	Hall	Hall	Hate	Hat	Heli
i	Dubey Ankush Dinesh	(AD)	M	0	(1)	(A)	(AD)	1	-A-	(AP)	1
	Shinde Nikita Rajendra	South	Sella	Sirita	Spikila	Sixita	Spikita	Pikin	State	Sivila	Din
*	Jha Sument Sudhir	Sumant	Sumant	Summet	Shiman	Summent	Eurnant	Sumant	Summer	Sumant	Summer
	CHANGEY BHEISHAN SANDONII	Bhulou	Bluela	Shudo	Bhula	3 hudra	Bluhm	ghuha	Bhuta	Bhalm	Bhecha
٠	HIA KINDURU PITAMBUR	J.	F.	K	J.	K	K	乐	K	J.	F
10	DEWEKAR CHETAN SLINEL	Chester	cheten	-	-	chetern	deler	chester	dalay	tetan	det
*	IAZEWAR KAMAL PRAMED	Komet.	(Spender)	Yarrel	Kamet.	Karrett.	-1-	Kames	100 moles	(correct)	Famet
ø	LUCKERAR PERHAP AND	Poor	Bonav	Lonar	Born	Porrer	Poorm	Peuror	Person	Barrow	Bonav
u	DEOPURKAR SKUSHT) ULHAS	20	8	8	8	8	So	8	8	8	8





VIVA Institute of Technology

Approved By AICTE, New Delhi. DTE, Govt. of Maherashtra Affiliated to the University of Mumbal Shirgeon, Virar(E.), Dist. Pelghar 401305, Maharashtra

CERTIFICATE

OF PARTICIPATION

This is to certify that Neha Milind Kadam

attended a one-week Program on "Learning with Python" organized by the Computer Engineering Department Of VIVA Institute of Technology from 3rd Jan to 7th Jan 2022.

382

Frof, Ashwini Save H.O.D

Danie

Dr. Arun Kumar Principal





Academic Year 2021 - 22

Course name: - Automation Using IOT

Duration: - 3rd Jan to 7th Jan 2022 Venue: - VIVA Institute of Technology Co-ordinator: - Prof. Monali Pimpale

Enrolled students: - 57

Course Objective: -

- This course focuses on the latest microcontrollers with application development, product design and prototyping.
- 2. Recognise the factors that contributed to the emergence of LoT
- Design and program LoT devices
- Use real IoT protocols for communication
- Secure the elements of an IoT device

Course Outcomes: -

After successful completion of the course, the students are able to

- Interpret the impact and challenges posed by LoT networks leading to new architectural models.
- 2. Illustrate the smart objects and the technologies to connect them to network.
- 3. Compare different Application protocols for IoT.
- 4. Infer the role of Data Analytics and Security in IoT.
- Identify sensor technologies for sensing real world entities and understand the role of LoT in various domains of Industry.

Course Schedule: -

Session	Time	Topic
Day 1: -	3 rd Jan 2022	
1	9.30 - 11.00	Introduction to IOT
2	11.15- 12.30	Understanding LoT fundamentals IOT Architecture and protocols
3	1.15 – 4.30	Overview of IoT components and IoT Communication Technologies Challenges in IOT
Day 2: -	4th Jan 2022	
1	9.30 - 11.00	Arduino Simulation Environment
2	11.15-12.30	Arduino Uno Architecture Setup the IDE, Writing Arduino Software
3	1.15 - 4.30	Interfacing LED, push button and buzzer with Arduino Interfacing Arduino with LCD
Day 3: -	5th Jan 2022	
1	9.30 - 11.00	Sensor & Actuators with Arduino



2	11.15-12.30	Overview of Sensors working
		Analog and Digital Sensors
3	1.15 - 4.30	Interfacing of Actuators with Arduino.
		Interfacing of Relay Switch and Servo Motor with Arduino
Day 4 :-	6th Jan 2022	
1	9.30 - 11.00	Basic Networking with ESP8266 WiFi module
2	11.15-12.30	Basics of Wireless Networking
		Introduction to ESP8266 Wi-Fi Module
		Various Wi-Fi library
3	1.15 - 4.30	Web server- introduction, installation, configuration
		Posting sensor(s) data to web server
Day 5 :-	7th Jan 2022	
1	9.30 - 11.00	Cloud Platforms for IOT
		Virtualization concepts and Cloud Architecture
2	11.15-12.30	Cloud computing, benefits
		Cloud services SaaS, PaaS, IaaS
		Cloud providers & offerings
3	1.15 - 4.30	Study of IOT Cloud platforms
		ThingSpeak API and MQTT
		Interfacing ESP8266 with Web services
		Quiz
		·

Report:-

Computer engg. department of VIVA Institute of Technology conducted a course on "Automation Using IOT" for Last year students. Total 57 students had been enrolled for this course.

This course was conducted by Prof. Monali Pimpale in order to provide knowledge of Automation Using IOT.

LoT is a giant, digitally connected universe of billions of physical devices around the world; "things" that collect and share data about how they're used and the environment around them. These objects are embedded with internet connectivity, software, sensors, and other hardware that enable them to connect and exchange data with other systems and devices over the web. Students enjoyed the course and completed it successfully.

CO-PO Mapping: -

Course		Program Outcome										
Outcome	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO 9	PO1 0	PO1 1	PO1 2
CO 1	2	-	-	-	-	-	-	-	-	-	-	-
CO2	-	2	3	2	-	-	-	-	-	-	-	-
CO3	-	2	2	-	-	-	-	-	-	-	-	-
CO4	1	2	3	-	-	-	-	-	-	-	-	-
CO 5	-	-	ı	3	-	-	-	-	-	-	-	-



Ashwini Save HOD, Computer Engg.



Automation Using ItoT Late Shell Visiting Warmen Thakur Chargeable Trust's VIVA INSTITUTE OF TECHNOLOGY COMPUTER ENGINEERING DEPARTMENT REALtendance Sheet (2021-22)

Week/ Month:

BE Attendance Sheet [2021-22] ord am to Ath Jan 2022 Semester: VIII

Roll No	Name	301	401	95 0	601	1101	7 0 QUETOU
1	PREANKSHAT	15	15.	\$5	长	151	15-
1	NITIKET SHINDS	Notinda	Notice	Mide	Notinde	Athirt	Narde
1	DEEP LINEAR	Deep	Dock	prof	Secr	Does	Doct
	PAWAR SANIMA PUJANI	ecs .	GE	803.	. 25	PPS.	BE
1	YASH PRAKASH PANDILARE	Tube	York	Hach	Luk	Yash	yash.
	ADITYA IITEADRA BAWA	ABasal	Kenso	Alan.	ABusa	Acard	Tener
7	POCESHWARPATE.	100	PRIOL.	Patt	A	Pale -	Patil.
	SIDOHESH RANE	ane	Rone	Stone	Bore	Store	Seare
	YASH FATIL	MRH.	Pott.	Jest .	teal.	- Beth	Foth.
16	AR HIGHE CONVALKAR	A4.	Ka	A	AGU	ASI	ASI
11	SAGAR CORLE	261	Sar.	24	ser.	84	84.
12	GOVINDNARAVAN OUNEY	(Bab)	Mah	Pale	HENNY	Fub1	#DUDY
-	CHRAGE PATIL	Total	OAD	all	Geti (Patri	Bott.
13	SHUBHAN KORE	al.	OK	SIL.	Die	814	8k
14	DEVESH PATIL	(B).	(20)	(PA)	(500	DP	(IP)
15	HIMIL PATEL	Mond	Haril	Henril	Hery	Hemi I	Horul
16	SEVASH KOLTHARKAS	100	Level	Sund	Swest	Sued	Swal
17	ANITCUPTA	Syah.	We .	A	ANG	A	No.
19		A	1	A	4	4	4
19	MALI KAMLESH BAMISHKUMAR	1	A	4	4	A	4
20	MARTINE DAY AN CUIDIANNAL	1	7	Λ_	A	A-	A .
21	Programme and the second	Moland	Malant	MBha	MAhart	Mestal	at Rhaut
22	MAITRIBHAGAT	MB hagat	Paris	Dick	Dair	The state of	Parket -
23	RECHMA CHINCHASE			-	Swela	Sweta	Swela
24	SIVALTA IHA	Sucia	Such	-			
45	SAMIKUHA TANJAY MURARKAR	Statesta	-	-	Product	-	Spokarti
26.	AXITY SANTOSE MORE	Am	JOHN	CAN	DIN	ADA	stall
17	SEIDHITA BUBHASH SALUMKE	PAGE -	386	200	858	38	858
20	DEVESHBET VILAY KADO	1	QD.	02	all	A	and the
29.	HIBUCHITAGACU JADHAV	Hohn	H John	Chedu	High	Andrew Street, Square,	Halv
30	YSGALI SANTOSH PATIL	MAL	Hage	Signi	Yugali	Yagali	Lugali
31	SANKET INSALE	A	A-	A-	A	4	A
32	RITIK KILAKATNOL	+	*	4	A	A	A.
11	RITESH YASHIYA	1	4	4	A	A-	*
36	URVAL CHROTALE	A-	A	1	4	A-	A_
35	CAURAY GIPTA	A	A	A	- 1	to	A
36	RAJ GEPTA	A-	A	Λ	A-	A-	1



Attendance Sheet (2021-22)

Semester WHI Conspired Anieline gar

Week/ Month:

Foll Riv	Rema	1	1000	Thing	25,642	Date	Serve 1	Total
H	Chicago Contragantes description	1	1-	h	1	4	1	
m	private play associations	844	horte	2100	2 his	8hu	26.0	
*	protein some	Par	200	500	Der.	Bor	-	
*	PERSON SAMPARE	Hersely 1	Park	State.	Sulv.	En K	Bule	-
di	PRETO SOCIAL	1544	27	20	200	Tim	Lin	
#1	Certificat Securi	Phoes	wow.	don	10	1800		
41	Come species	Trade of	Vamed	Charles	Balant	ph la	Cardos	
41	partie armane	1	4	L	4	9400	A COM	
44	Anne Area	100	160	90	60	60	(PP)	_
#	mmmercings.	1 1	1	Fresh	- loss	Develo	A STATE OF THE PARTY OF THE PAR	
*	maseme	4 6 6 6	March	1 deliver	Maked.	1 1 x 1	160	-
**	PSCRING WILLIES	Bates	1	Market	VALUE OF THE PARTY	ylarnas.	William .	_
91	enny yenn	King	Esoper	15	Engan	Brogar	Exami	_
	KANA SUIL	1000	1000	11111	EA.	12	13	_
56		N322	1300	10/45	200	Met	pare	
66	HISOHORY SWANSE	179. Aug.	ragarie	Drank	A CONTRACTOR	Dronde	+Dhade	-
94	para canades	2 1000	room	are son	فعنوناوا	Ches	1920	
54	VETKINKY KASHAK	Lingar	f com	Free !	s flade	Hade	Kodu	
*	TABLES ASSESSMENT SHIPLING	Cader.	45 POPE	Ham	A Jake	efortable	-to Your	
50	ADDRESHED SHOREN KNICKOK	- A	1	4	4	1	4	
.00	EMELIT KOMPTE SMOMENT	400	一位实	1	Sam	John .	44	
96	paner enumera	14	12	10	H	22	#	
99	PER CONTROL SECURIZION	0	(B)	Chi.	Qui	400	ans	
66	EMMONY FIGURE	Treek	e pobla	pow	E weld:	1 local	Jode	-
46	PROCESSOR SHEETS AND	1	1	4	4	1	4	
47	MARSES MERCAL SAFERE	Me-	w.	IND	125,	ME	MD.	
69	POPER SICHKANICAR	4	A	1_	A	1	1	
4	CONTROL SYSTEM	40	rest.	3-	and-	"Serve	Bur	_
-60	HISSAND TRANSPORTA	There	Lever	100	1300	There	Them.	
. 60	DISSUE TEADER	France	R	and.	Sec	Jugar	Jun	
41	PERSON FRANK	Phily	Perha	. 4	Philad	ALLO	Pade	
	CARGO TRANS	Town.	- Sinne	Every	TACK.	- Car		
69	COMPRESCONDER	1	45	167	100	100	Town	
29	CARCINI KAN	70	DI)	200	CIT	Day-	8	
*	PART 840	A	1	1	1	CAST	DU.	
11	DIAM'T CANCARTA	21	5.1	0.1	5. 4	0 -	1	
#	(Metro Day	Time .	Jun.	Ola)	-1111	Junit	CHIMIT	-
39	1	1	1	1	-	4	4	
	York or Toral	A	-	4	4	-	A	
. 95	prover reser	1	-	7-	1.	A	4	





Certificate of Participation

This is to certify that YASH PATIL has attended One Week Program on "Automation Using IOT" organised by the Computer Engineering Department of VIVA Institute of Technology from 3rd Jan 2022 to 7th Jan 2022



ASHWINI SAVE HOD

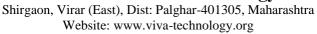


DR. ARUN KUMAR PRINCIPAL





VIVA Institute of Technology





Department of Electronics and Telecommunication Engineering

Name of Course: Nirman-Arduino Workshop

Duration: 30 hours/1 week

Day 1- Embedded System Basic (Working, Input devices & Programming Code):

Session Introduction, Hardware & Basic Programming
1:

- ✓ Introduction to basic of embedded system
- ✓ Introduction & explanation of microcontrollers
- ✓ Explanation of AVR ATMega 328 microcontroller
- ✓ Explanation of Arduino board & programming
- ✓ Basic Arduino based programs for interfacing i/o devices

Session 2:

- ✓ Introduction to output devices interfacing
 - Project 1 : LED blinking
- ✓ Introduction to input devices interfacing
 - **Project 2:** Push button interfacing
- ✓ Rotary encoder interfacing
 - Project 3 & 4:
 - i. More LEDS switching sequentially based onencoder input
 - ii. Bar graph sort of LED switching based on encoder input

Quiz

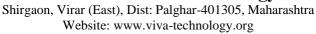
Day 2 - Digital & Analog Input Ouput Devices Interfacing

Session ✓ Explanation for digital input devices 3:





VIVA Institute of Technology





Department of Electronics and Telecommunication Engineering

- ✓ Explanation for analog input devices
- ✓ Introduction to temperature sensor and its working
- ✓ Basic programming for interfacing temperature sensor
 - Project 5 : Temperature sensor using LM35
- ✓ Introduction to relay
- ✓ Basic programming for interfacing relay
 - Project 6: Automatic temperature controller system(soldering iron temperature control_simple on/off)

Session 4:

- ✓ Introduction to LDR sensor and its working
- ✓ Basic programming for interfacing LDR sensor
 - Project 7: Light controlled switch
- ✓ Introduction to IR sensor and its working
- ✓ Basic programming for interfacing IR sensor
 - Project 8: Detect presence of object and blink LEDaccordingly

Quiz

Day 3 - Advance Sensor (Ultrasonic, Hall Effect) and Serial Communication

Session 5:

✓ Introduction to ultrasonic sensor and its working

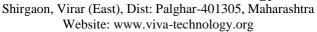
✓ Basic programming for interfacing of ultrasonic sensor

- ✓ Programming and conversion concept for the measurement
- ✓ Formulas for speed, distance & time for distance measurementusing ultrasonic sensor
- ✓ Project 9 : Distance Finder / Range Finder using Ultrasonic
- ✓ Explanation of working of stepper motor & motor driver





VIVA Institute of Technology





Department of Electronics and Telecommunication Engineering

- ✓ Interfacing of stepper motor with motor driver & basic motorcontrol program
 - **Project 10 :** Stepper Motor Rotation
- ✓ Introduction to Hall Effect sensor and its working

- ✓ Basic programming for interfacing Hall Effect sensor
 - Project 11 : Stepper Motor Speed Detection
- Session 6:
- ✓ Introduction to serial communication & its significance inembedded system
- ✓ Explanation of program for establishing serial communication for data transfer between computer & Arduino
 - Project 12 : Send temperature data and distance
 measured by ultrasonic to serial port

Quiz

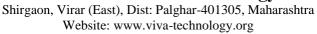
Day 4 - Visible Output, Keypad

- Session 7:
- ✓ Introduction to a 7-Segment LED display
- ✓ 7-segment LED display interfacing & basic data display program
 - Project 13 : Temperature indicator on 7 segment
- ✓ Introduction to LCD (16 X 2) & its working
- ✓ LCD Interfacing & Basic data display program
 - **Project 14 :** Display temperature on LCD





VIVA Institute of Technology





Department of Electronics and Telecommunication Engineering

Session 8:

- ✓ Introduction to matrix keypad & its working
- ✓ Concept of data line reduction & matrix concept
- ✓ Interfacing LCD & matrix keypad with Arduino
 - Project 15: LCD based GUI for user passwordregistration and monitor

Project 16 Smart Door System

/ Product

Day 5 - Industry 4.0 and Project Guidance

Session 9:

- ✓ Tips for Project making
- ✓ Steps for designing a project
- ✓ Schematic designing tips
- ✓ Project development phase
- ✓ Project functional block programming & output
- ✓ Doubt discussion

Session 10:

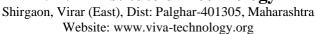
- ✓ Industry 4.0: The Fourth Industrial Revolution
- ✓ Certificates & Project Letters distribution for competition

Feedback





VIVA Institute of Technology





Department of Electronics and Telecommunication Engineering

Report

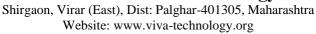
Nirman is to nurture and organize the young change makers to solve various societalchallenges. It is an educational process to train the students to take up crucial issues and problems in the society. The focus in this course is to enable and equip the students to immediately start building Arduino enabled products. This was a 30hrs/1 week certificate course.

This 5 days Bridge course was conducted by Prof. Nutan Malekar in order to provide basic knowledge to second year and third year students about an **Arduino** and how it works. It helped students to learn programming concepts using **C** and **C**++ along with Arduino specific programming. The students understood how to use a wide variety of hardware and components and prototype projects using a breadboard.





VIVA Institute of Technology





Department of Electronics and Telecommunication Engineering

Course Objectives

- To understand what an Arduino is and how
- it worksTo learn how to use an Arduino safely
- To program Arduino using code that have written in the Arduino IDE (IntegratedDevelopment Environment)
- ♣ To learn programming concepts using C and C++ along with Arduino specific programming
- ♣ To understand best practice concepts for programming and prototyping
- To use a wide variety of hardware and components and prototype your projects using abreadboard
- To build innovative project with Arduino

Course Outcomes:

- > Students will be able to get new product or service ideas by hearing about needs in industry.
- > Students will be able to receive large volumes of usable content within a compressed amount of time.
- > Students will be able to get intensive exposure to a topic through presentations and discussions.
- > Students will be able to achieve confidence and motivation for organising different events that improves the personality of a student.
- > Students will be able to achieve confidence and motivation for participating in different events that improves the personality of a student.
- > Students will be able to develop a connection that might help with future employment.









Department of Electronics and Telecommunication Engineering

CO-PO MAPPING

Course Outcome		Program Outcome										
Outcome	P	P	P	P	P	P	P	P	P	P	P	CO
	О	О	Ο	О	0	О	Ο	О	Ο	Ο	O	Target
	1	2	3	4	5	6	7	8	9	1	1	level
										0	1	
CO1	2	-	-	-	-	-	-	-	ı	-	-	2
CO2	-	2	-	-	-	-	-	-	-	-	-	2
CO3	2	-	-	-	-	2	-	-	-	-	-	2
CO4	2	-	-	-	_	-	-	-	-	-	-	2
CO5	-	2	-	-	-	-	-	-	-	-	-	2
CO6	-	-	-	_	2	-	-	-	-	-	1	1.5
	2	2	_	_	2	2	-	_	-	_	1	





VIVA Institute of Technology



Shirgaon, Virar (East), Dist: Palghar-401305, Maharashtra Website: www.viva-technology.org

Department of Electronics and Telecommunication Engineering

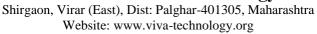
Attendance Sheet:







VIVA Institute of Technology





Department of Electronics and Telecommunication Engineering

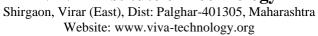
Model Certificate







VIVA Institute of Technology





Department of Electronics and Telecommunication Engineering

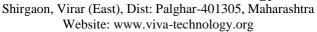
Name of Course: OOP Bridge Course Duration: 30 hours

Day	Contents	Hrs.
1	 Introduction Introduction to java, java buzzword, data types, dynamic initialization, scope and life time operators, control statements, arrays, type conversion and casting, finals & blank finals. Classes and Objects: Concepts, methods, constructors, usage of static, access control, this key word, Garbage collection, overloading, parameter passing mechanisms, nested classes and inner classes. 	6
2	Inheritance: Basic concepts, access specifies, usage of super key word, method overriding, final methods and classes, abstract classes, dynamic method dispatch, Object class. Interfaces: Differences between classes and interfaces, defining an interface, implementing interface, Variables in interface and extending interfaces.	6
3	Packages: Creating a Package, setting CLASSPATH, Access control protection, importing packages. Exception Handling: Concepts of Exception handling, types of exceptions, usage of try, catch, throw, throws and finally keywords, Built-in exceptions, creating own exception sub classes. Strings: Exploring the String class, String buffer class, Command-linear arguments. Library: Date class, Wrapper classes.	6
4	Multithreading: Concepts of Multithreading, differences between process and thread, thread life cycle, Thread class, Runnable interface, creating multiple threads, Synchronization, thread priorities, inter Thread communication, daemon threads, and deadlocks. I/O Streams: Streams, Byte streams, Character streams, File class, File streams.	6
5	Applets: Concepts of Applets, life cycle of an applet, creating applets, passing parameters to applets, accessing remote applet, Color class and Graphics Event Handling: Events, Event sources, Event classes, Event Listeners, Delegation event model, handling events.	6





VIVA Institute of Technology





Department of Electronics and Telecommunication Engineering

Report

Duration:

Venue: VIVA Institute Of Technology, Shirgaon.

Electronics & Telecommunication Engineering Department of VIVA Institute of Technology organiz ed a 30 hours' certificate course on "OOP Bridge Course" during 3rd Jan 2022 to 7th Jan 20 22.

The workshop was basically aimed to provide basic knowledge to second year of semester 4– EXTC students of JAVA language which was conducted by **Mr. Kushal Suvarna sir** as the speaker who g uided the participants.

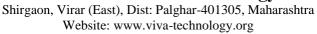
The event was a success with very positive feedback from the participants. The speech by the Princip al **Dr. Arun Kumar** was an inspiring one that covered the broad future scopes of the field. The Prin cipal being an encouraging one who said that for such events where in student development is involv ed, he will always be supportive. In the speech given by **Mrs. Archana Ingle**, H.O.D of EXTC, stu dents gained an idea of how this workshop can be utilized to take creative projects in the field of sof tware.

Mr. Kushal Suvarna sir introduced themselves to the participants and enlightened them about the fantastic and intriguing field of **JAVA software** and narrated their various achievements and their future plans.





VIVA Institute of Technology





Department of Electronics and Telecommunication Engineering

Course Objectives

- 1. To understand the basic concepts and fundamentals of platform independent object oriented language.
- 2. To demonstrate skills in writing programs using exception handling techniques and multithreading.
- 3. To understand streams and efficient user interface design techniques.

Course Outcomes:

After successful completion of the course, the students are able to

- ➤ 1. Use the syntax and semantics of java programming language and basic concepts of OOP.
- ➤ 2. Develop reusable programs using the concepts of inheritance, polymorphism, interfaces and packages.
- ➤ 3. Apply the concepts of Multithreading and Exception handling to develop efficient and error free codes.
- ➤ 4. Design event driven GUI and web related applications which mimic the real word scenarios.









Department of Electronics and Telecommunication Engineering

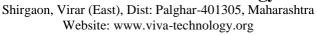
CO-PO MAPPING

Course Outcome			Program Outcome									
	PO 1	PO 2	PO 3	PO 4	P0 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	CO Target level
CO1	2	-	-	-	-	-	-	-	-	-	-	2
CO2	-	2	-	-	-	-	-	-	-	-	-	2
CO3	2	-	-	-	-	2	-	-	-	-	-	2
CO4	2	-	-	-	-	-	-	-	-	-	-	2
	2	2	-	-	2	2	-	-	-	-	-	





VIVA Institute of Technology





Department of Electronics and Telecommunication Engineering

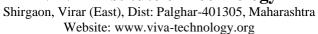
Model Certificate







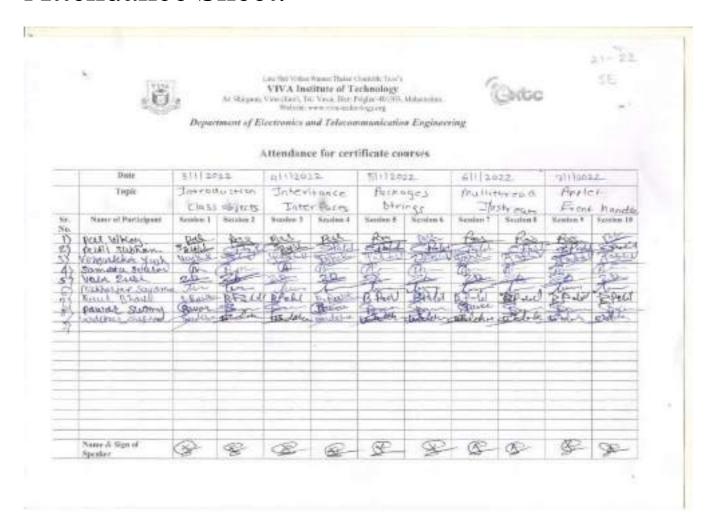
VIVA Institute of Technology





Department of Electronics and Telecommunication Engineering

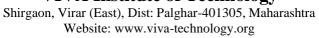
Attendance Sheet:







VIVA Institute of Technology





Department of Electronics and Telecommunication Engineering

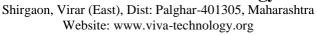
Name of Course: Skill based Laboratories Duration: 30 hours

Duration: 30 nours										
Date and Day	Time	Contents								
	9.00 to 10.00	Breakfast, Registration and Inauguration								
3 rd Jan 2022	10.00 – 1.00	History and Introduction to Linux Operating System Linux commands and shell scripting Loping Structure & Shell Loop Control								
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1.00-1.30	Lunch Break								
	1.30-4.00	Introduction to Raspberry Pi with timeline and model Rpi board details & OS Installation								
	10.00-1.00	Introduction to Basics of FPGA/CPLD RTL Design Combinational and Sequential circuit design simulation								
4 th Jan 2022	1.00-1.30	Lunch Break								
	1.30-4.00	FPGA Design and Implementation Interfacing of FPGA Board								
	10.00-1.00	Interfacing with Sensors, Actuator, Telegram & Camera								
5 th Jan 2022	1.00-1.30	Lunch Break								
5 Juli 2022	1.30-4:00	Interfacing with Telegram & Camera Project demonstration using Raspberry Pi								
	10.00-1.00	Introduction to Arduino and how it works Implement Embedded systems with different sensors and peripherals as IoT.								
6 th Jan 2022	1.00-1.30	Lunch Break								
	1.30-4:00	Program Arduino using Arduino IDE for real life applications								
	10.00-1.00	Project demonstration using Raspberry Pi								
7 th Jan 2022	1.00-1.30	Lunch Break								
At Shiftpaon Post Visc. Tol: Viscol.	2.00-3.00	Valedictory								

e E

Late Shri Vishnu Waman Thakur Charitable Trust's

VIVA Institute of Technology





Department of Electronics and Telecommunication Engineering Report

Duration: 3rd-7th Jan 2022.

Venue: VIVA Institute Of Technology, Shirgaon.

Electronics & Telecommunication Engineering Department of VIVA Institute of Tech nology organized a 30 hours' certificate course on "Skill based Laboratories" from 3 rd-7th Jan 2022 conducted by Mrs. Meena Perla.

The objective of the Hands-on Skill based Laboratories for EXTC Engineering training program is to learn to create tools with skill lab software's that will help to implement new ideas and solve difficult problems. Learning of Linux, Raspberry Pi, and FPGA will help to apply our research to interesting and challenging real-world problems. This STTP provides comprehensive coverage of Skill based Lab and its applications while providing opportunities for Hands-on practicals.

The purpose of this STTP is to have discussions on various ways in which these software tools can be used to carry out research.

Topics Covered in STTP on "Skill based Laboratories"

- ☐ History and Introduction to Linux Operating System
- Linux commands and shell scripting
- Loping Structure & Shell Loop Control
- Introduction to Raspberry Pi with timeline and model
- Rpi board details & OS Installation
- Introduction to Basics of FPGA/CPLD
- RTL Design
- Combinational and Sequential circuit design simulation
- FPGA Design and Implementation
- Interfacing of FPGA Board

Interfacing with Sensors, Actuator, Telegram & Camera

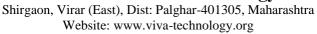
Project demonstration using Raspberry Pi



E B

Late Shri Vishnu Waman Thakur Charitable Trust's

VIVA Institute of Technology





Department of Electronics and Telecommunication Engineering

- Introduction to Arduino and how it works
- Implement embedded systems with different sensors and peripherals as IoT.
- Program Arduino using Arduino IDE for real life applications

As new developments are introducing in industry day by day demanding expertise in these software, it was felt necessary that the student also become competent in the said field.

Course Objectives

- > To understand basics of Linux, FPGA Raspberry Pi and Arduino.
- To use wireless sensors/communications with embedded systems.
- > To learn installation of Raspbian.
- To program Arduino using Arduino IDE for real life applications
- ➤ To understand FPGA design and implementation
- > To learn Interfacing of FPGA boards
- ➤ To learn Implementation skill of different servers on Linux
- ➤ To explore Linux commands and Shell Scripting.

Course Outcomes:

After successful completion of the course, the students are able to

- ➤ Understand basics of Linux, FPGA Raspberry Pi and Arduino.
- ➤ Use wireless sensors/communications with embedded systems.
- ➤ Learn installation of Raspbian.
- > Program Arduino using Arduino IDE for real life applications
- ➤ Understand FPGA design and implementation
- ➤ Learn Interfacing of FPGA boards
- ➤ Learn Implementation skill of different servers on Linux
- > Explore Linux commands and Shell Scripting.







VIVA Institute of Technology
Shirgaon, Virar (East), Dist: Palghar-401305, Maharashtra
Website: www.viva-technology.org

Department of Electronics and Telecommunication Engineering CO-PO MAPPING

Course Outcome			Program Outcome									
	PO 1	PO 2	PO 3	PO 4	P0 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	CO Target level
CO1	2	-	-	-	-	-	-	-	-	-	-	2
CO2	-	2	-	-	-	-	-	-	-	-	-	2
CO3	2	-	-	-	-	2	-	-	-	-	-	2
CO4	2	-	-	-	-	-	-	-	-	-	-	2
	2	2	-	-	2	2	_	_	ı	ı	ı	





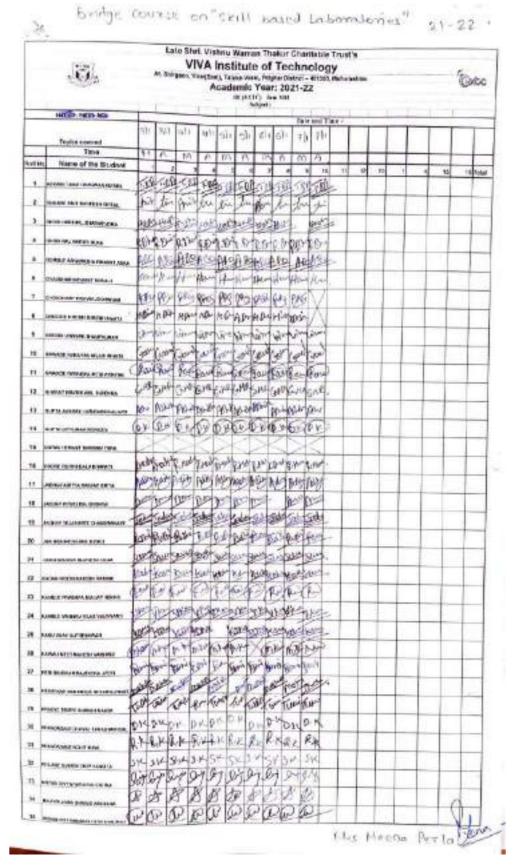
VIVA Institute of Technology



Shirgaon, Virar (East), Dist: Palghar-401305, Maharashtra Website: www.viva-technology.org

Department of Electronics and Telecommunication Engineering

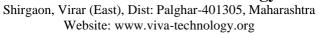
Attendance Sheet:







VIVA Institute of Technology





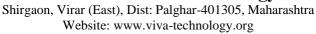
Department of Electronics and Telecommunication Engineering







VIVA Institute of Technology





Department of Electronics and Telecommunication Engineering

Model Certificate



Student Certificate



VIVA INSTITUTE OF TECHNOLOGY

SHIRGAON, VIRAR (EAST)

DEPARTMENT OF MECHANICAL ENGINEERING

Late Shree Vishnu Waman Thakur Charitable Trust's

VIVA Institute of Technology

Shirgaon, Virar (E)

Department of Mechanical Engineering

VIVA/VIT/MECH/STUDENT/2021-22

Date: 02/07/2021

NOTICE

All the shortlisted students of Mechanical Engineering are hereby informed to attend the Value Added Course organized by Department of Mechanical Engineering on the topic of "Introduction to NDT" from 05th July 2021 to 09th July 2021.

Timing:-

1st Session:- 9.00 am - 12. pm

2nd session:- 1.00 pm - 4. Syllabus & Course Outcomes

Venue:- CAD CAM Lab

Prof. Tejas Chaudhari

Prof. Niyati Raut



VIVA INSTITUTE OF TECHNOLOGY

SHIRGAON, VIRAR (EAST)

DEPARTMENT OF MECHANICAL ENGINEERING

Course Name: Introduction to NDT

Academic Term: July 2021 to Dec 2021

Syllabus:

abus: Modu	Details	Hours
le	Overview of Liquid Penetrant Testing	
	History of Liquid Penetrant Testing, Principles of	
	Liquid Penetrant Testing, Advantages of the Penetrant	
	Process, Disadvantages of the Penetrant Process,	
1	Basics of the Penetrant Process, Preparation of Parts for	08
	Penetrant Testing, Surface Condition, Penetrant	
	System, Sensitivity, Type of Penetrant, Advantages of	
	Fluorescent Liquid Penetrants, Advantages of Visible	
	Dye Penetrants, Selection of Liquid Penetrant,	
	Penetrant Dwell Temperature, Penetrant Removal	
	Method	
	Water Washable, Lipophilic Emulsifier. Penetrants, Developer and Equipment	
	Characteristics of Penetrants : Surface Tension,	
	Wetting Ability, Chemical Properties of Penetrants,	
2	Inertness, Removability, Water Tolerance, Developer,	08
4	Dry Powder, Water Soluble Water Suspended, Non	00
	aqueous, Specific Application, Material and Process	
	Control Tests, Ultraviolet Light Intensity, Emulsifier	
	Concentration, Ambient White Light Intensity,	
	Penetrant Inspection Area Cleanliness,	
	Penetrant Materials Content.	
	Testing in Primary Metals Production	
	Producing Metals and Alloys, Processing	
	Discontinuities, Discontinuities Related to Metal	
3	Solidification, Discontinuities in Metal Ingots,	08
	Discontinuities in Metal Castings Discontinuities in	
	Blooms and Billets Discontinuities in Hot Rolled Bars,	
	Shapes, Plate or Strip, Discontinuities in Forgings,	
	Discontinuities in Rolled and Pierced Products,	
	Discontinuities in Extrusions, Discontinuities in	
	Cold Worked Metal Products, Discontinuities in Fusion	
5))	Welds	

VIVA INSTITUTE OF TECHNOLOGY

SHIRGAON, VIRAR (EAST)

DEPARTMENT OF MECHANICAL ENGINEERING

	Appearance of Liquid Penetrant Indications	
	Brilliance and Extent of Indications, Persistence of	
	Indications	
4	Other Variables Affecting Indication Appearance,	06
	Surface Conditions, Temperature, Dwell Time and	
	Washing Developer, Previous Testing, Common	
	Causes of Non relevant and False Indications, Poor	
	Process Control, Part Geometry and Surface Condition,	
	Evaluation of Non relevant Indications	

VIVA INSTITUTE OF TECHNOLOGY

SHIRGAON, VIRAR (EAST)

DEPARTMENT OF MECHANICAL ENGINEERING

Course Outcomes

Sr. No.	CO Code	Course Outcomes
1	CO_1	Apply basic aspects of Inspection to solve engineering problems.
2	CO_2	Select suitable Penetrant and Developer for test.
3	CO_3	Study different discontinuities associated in Metal Production
4	CO_4	Identify Different appearance of Liquid Penetrant Indications
5	CO_5	Perform Liquid Penetrant test on different part geometry.

Late Shree Vishnu Vishnu Warran Charitable Trust's

VIVA Institute of Technology

At. Shington, Virar (East), Talaka-Vasai, Palgher District - 401305, Atshamalites Department of Mechanical Engineering

VALUE ADDED COURSE - Introduction to NDT

Academic Vesr : 3021-22

Course Duration : 5th July to 9th July 2021.

Time: 9.06 am to 12.00 pm

20 20		10025775	Date					
ir. No.	Name of Students	Class	05/07/2021	06/07/2021	07/97/2021	68/07/2021	09/07/202	
1	DAS BUNTY COVIND KAKULI	SE	Star-	Santa.	\$ A.	A	1	
.2	MAURYA ANANDKUMAR GANESH SAROJ DEVI	SE	Lond	street	Anad	phrand	Arrant	
1	DEVGANIA RUCHIK BABU MANJU	TE	Telle	what	Toward	Town	Topol	
4	NAIR RAJ KIRANKUMAR SAPNA	TE	NP91	NR91	NREY	Nar	May	
5	PATIL SAYALI MILIND MANISHA	TE	dayli	PTB	Bart	aley 4	200	
0	PATIL VAISHNAVI MANOHAR UJWALA	TE	S CALL	Pali	Path	Patil	Pati	
7	PATIL VAISHNAVI SATISH MILIMA	TE	VRAN	Meutil	VALUE	Y 841	Yatıl	
8	KULKARNI ATHARYA MILIND AMITA	TE	14-	Alex	A	A	AS	
9	MATHKAR SAHIL SANJEEV MATHKAR SAVALI	TE	Selve	Sal	Spl	AS	Sal	
10	MEHER SIDDESH DILIP RAMA	TE	542	SH	SH	29	SHA	
- 11	BHASARA NITIN DINESH SANGITA	BE	Non	Nr.	No	No.	NN	
12	PATIL VIPUL VILAS YASHODA	BE	12/20	Var	West	Nopel	March	
13	SALKAR YASH PRAMOD PRACHI	BE	Your	Yesh	MB	Yash	Yak	
14	KHEDEKAR SAHIL SUNIL SUCHITA	BE	Ham	Shi	sidi=	Sthie	Skin	
15	LOKHANDE HARSH ASHOK ASMITA	BE	MARKEG	Harsh	Harsh	Hazs	tans/	

Prof. Tejan Chardhari Faculty Co-ordinator (Mechanical Engineering Dept.)

ROD (Mechanical Engineering Dept.)



Late Stree Vishno Vishno Warren Clarishle Trus's

VIVA Institute of Technology

At Shirgane, Vine (East), Tabika-Vasai, Palgha: District - 401305, Mahawashira. Department of Mechanical Engineering

VALUE ADDED COURSE - Introduction to NDT Academic Year 2021-22

Course Duration: 5th July to 5th July 2021.

Time: 1.00 pm to 4.00 pm

			Date					
Sr. No.	Name of Students	Class	05/07/2021	06/07/2021	07/07/2021	01/07/2011	09/07/2021	
. 1	DAS BUNTY GOVIND KAKULI	SE	the state	\$ A	EN	FIR	1	
2	MAURYA ANANDKUMAR GANESH SARGI DEVI	SE	duand	amand	strand	PB	ghand	
3	DEVGANIA RUCHIK BABU MANJU	TE	PR	Toolber	Dochada.	Tarbude	Todas	
+	NAIR RAJ KIRANKUMAR SAPNA	TE	Maj	NR4	Nº91	13g	V.	
5.	PATIL SAVALI MILIND MANISHA	TE	angli	golay	Charle	Magli	May	
0.	PATIL VAISHNAVI MANOHAR UJWALA	TE	Patil	Patil-	Potet_	Pater	Tada	
7	PATIL VAISHNAVI SATISH NILIMA	TE	VR47	VANT	V/Pcd #	XPHI	YPOHI	
8	KULKARNI ATHARVA MILIND AMITA	TE	Me	AB.	A	13	XIII	
9	MATHKAR SAHIL SANJEEV MATHKAR SAYALI	TE	soul,	gun	Salur	Salve	Salri	
10	MEHER SIDDESH DILIP RAMA	TE	Silver	Suddy	Sidal	Sidden	Siddl	
- 11	BHASARA NITIN DINESH SANGITA	BE	Non	N6	No-	NN	NR	
12	PATIL VIPUL VILAS YASHODA	BE	ANS	14	Mari	Vyan	. PTS	
13	SALKAR YASH PRAMOD PRACHI	BE	Yash	York	York	Vash	Vest	
14	KHEDEKAR SAHIL SUNIL SUCHITA	96	75km	SKhan	Skir	5100	Ship?	
15	LONHANDE HARSH ASHON ASMITA	BE	Hors	Hash	Karen	Karsh	Karsh	

Faculty Co-ordinator (Medianical Engineering Dept.)

(Mechanical Engineering Dept.)





VIVA Institute of Technology

Approved by AICTE New Delhi, DTE, Govt. of Maharashtra and Affiliated to University of Mumbai Shirgaon, Virar(E.), Dist: Palghar-401305, Maharashtra

CERTIFICATE

This to certify that Dr. / Mr. / Ms. PATIL VIPUL VILAS YASHODA

has attended a Short Term Training Program on "INTRODUCTION TO NDT" during the period 5th July - 9th July, 2021 at Department of Mechanical Engineering, VIVA Institute of Technology, Shirgaon, Virar.

M

Mr. Tejas Chaudhari (CO-ORDINATOR) Mant

Mrs. Niyati Raut (HEAD OF THE DEPARTMENT) Tuna

Dr. Arun Kumar (PRINCIPAL)



VIVA INSTITUTE OF TECHNOLOGY

SHIRGAON, VIRAR (EAST)

DEPARTMENT OF MECHANICAL ENGINEERING

Late Shree Vishnu Waman Thakur Charitable Trust's

VIVA Institute of Technology

Shirgaon, Virar (E)

Department of Mechanical Engineering

VIVA/VIT/MECH/STUDENT/2021-22

Date: 30/12/2022

All the shortlisted students of Mechanical Engineering are hereby informed to attend the Value Added Course organized by Department of Mechanical Engineering on the topic of "ANSYS (Engineering Simulation)" from 03rd January 2022 to 07th January 2022.

NOTICE

Timing:-

1st Session: - 9.00 am - 12, pm

2nd session:- 1.00 pm - 4.00 pm

Venue:- CAD CAM Lab

Prof. Tejas Chaudhari

Faculty Co-ordinator

Prof. Nivati Raut

HOD Mechanical



VIVA INSTITUTE OF TECHNOLOGY

SHIRGAON, VIRAR (EAST)

DEPARTMENT OF MECHANICAL ENGINEERING

Syllabus & Course Outcomes

Course Name: ANSYS (Engineering Simulation)

Academic Term: Jan 2022 to May 2022

Syllabus:

Modu le	Details	Hours
	Solid Modeling: An Overview of Solid Modeling	
1	Operations, Working with Boolean operations,	4
	Working Plane, Importing of 3D	
	models.	
	Meshing: Free meshing or Mapped meshing, Setting	
	Element Attributes, Selecting Element Type, Shape	
2	Function, Defining Element Types, Defining Section	8
	Properties, Assigning Element Attributes before	
	meshing, Mesh Controls, The ANSYS Mesh Tool,	
	Smart sizing, Meshing, Free Meshing, Mapped	
	Meshing, Hybrid	
	meshing, Mesh Extrusion, Volume Sweeping. Boundary Conditions: Types of Loads, Applying	
	Boundary Conditions: Types of Loads, Applying loads.	_
3	Solvers: Types of Solvers, Solver Setup, Load Step	6
	Options, Solving Multiple Load Steps.	
	Tips & Tricks: Using the Toolbar & Creating	
Abbreviations, Introduction to APDI Using Parameters, Using the		4
	Introduction to APDL, Using Parameters, Using the	
	Start File, Using the Session Editor, Using Input Files. ANSYS Workbench: Introduction to ANSYS	
5	Workbench, Graphical	8
J	User Interface, Static Structural Analysis, Modal	U
İ	Analysis, Thermal Analysis, Contact Recognition.	

VIVA INSTITUTE OF TECHNOLOGY

SHIRGAON, VIRAR (EAST)

DEPARTMENT OF MECHANICAL ENGINEERING

Course Outcomes

Sr. No.	CO Code	Course Outcomes
1	CO_1	Apply basic aspects of Analysis to solve engineering problems.
2	CO_2	Select suitable meshing and perform convergence test.
3	CO_3	Apply basic aspects to solve engineering problems.
4	CO_4	Perform basics tricks and tips to solve engineering problems.
5	CO_5	Interpret the result.

Late Stree Vishes Volum Warran Charteble Trust's

VIVA Institute of Technology

At Shigaon, Viner (East), Teinke-Vesar, Peighar District – 401105, Melarashtra
Department of Mechanical Engineering

VALUE ADDED COURSE - ANSYS (Engineering Simulation) Academic Year : 2021-22

Course Duration: 3rd Jan to 7th Jan 2022

Time: 9,00 am to 12,00 pm

	7	1.55	Date					
Sr. No.	Name of Students	Class	03/01/2022	04/01/2012	05/01/2022	06/01/2022	07/01/2022	
1	MACHHI RONIK GANESH TEENA	SE	Rovik	Rank	april	Quink	Pour	
2	KAMBLE TRUNAL TULSHIDAS MINAKSHI	SE	Found	Townal	ANS	murd	mus	
3	PRAJAPATI PRACHITI GANESH SHILPA	SE	AB	Frachi	Projeti	Property	Pool	
4	KINI MANGESH VISHWANATH JAYVANTI	TE	Deale 9	- HONE	10414	Par Carrie	PAST I	
	MATHAK GAVIN DOMINIC PRESCILLA	TE	DROWIN	(Jagan)	coupin	(Marin	(BOWN	
ь	TARAL RUTIK RAVINDRA RANJANA	TE	ARL	ATRIL	ATRL	TRAL	ANS	
7	YADAV MONU HARISHCHANDRA INDU	TE	Home	PMS	for	offens	affea	
8	PATIL ISHAN SANDEEP RESHMA	TE	Fin	Stown	Sam	thun	phon	
9	PATIL NIRBHAY JAYVANT JYOTI	TE	ATAR	A PAPEL	MARTEL	NAT-	NEWST	
10	DANDGAWHAL GRANTHALI SAGAR MANISHA	BE	AGen-	age	Low	apa	rien	
11	JANEYIDHI PRAKASH BHAVANA	96	ivwi.	i WWi	<i>iwdi</i>	ivvi	OWN	
12	KURADE ABHUIT GANAPATI PRATIBHA	BE	KRAN	INE GOE	KRAOF	Kenos	Kedor	
15	SHAPARIA CHINTAN VIJAY CHANDRIKA	BE	Hickory	PHB	Home	Median	in Ordan	
14	THAKUR OM NILESH SUJATA	BE	Hokey	Thekur	- TOP How	BREEFER	- Mikon	
15	VYAS HARSH DHAVAL SHIVANI	BE	yough	Judist	Conso	Addh	/hogh	

Prof. Tejas Chardhas Faculty Co-ordinator (Michanical Engineering Dept.)

Prof. Viyati Raut H.O.D. (Medianical Engineering Dept.)



Lare Shree Videou Visheo Wanso Chamable Triar's

VIVA Institute of Technology

At Shirgson, Virw (East), Taluka-Vosan, Pilghar District - 401305, Micharathra Department of Mechanical Engineering VALUE ADDED COURSE - ANSYS (Engineering Simulation)

Academic Year 2021-22

Course Durution : 3rd Jun to 7th Jun 2022

Time: 1.00 pm to 4.00 pm

	26 22 2	Class	Date					
Sr. No.	Name of Students		(3/01/2022	64/61/2022	05/01/2022	06/01/2022	07/01/2012	
. 1	MACHHI RONIK GANESH TEENA	SE	MAN	KNOP.	PARTIK	MANUEL N	MAJK	
1	KAMBLE TRUNAL TULSHIDAS MINAKSHI	SE	Markon	Kraph	PIR	Kraval	Klann	
3:	PRAJAPATI PRACHITI GANESH SHILPA	SE	paigh	pour	900	ROOM	PROJECT)	
4	KINI MANGESH VISHWANATH JAYVANTI	TE	Aipra-	P-2	AM	HIN	MA	
5	MATHAK GAVIN DOMINIC PRESCILLA	TE	SHP-U	31491	8 1411	DH41	मामाभ	
b	TARAL RUTIK RAVINDRA RANJANA	TE	Me	THE	Pay	apon	my	
7	YADAY MONU HARISHCHANDRA INDU	TE	PNB	HAON	MIN	MANOW	- OV	
	PATIL ISHAN SANDEEP RESHMA	TE	There .	Start.	Mount.	MAD.	Denn	
	PATIL NIRBHAY JAYVANT JYOTI	TE	- Note	NAME	MA	Mind	PS.	
10	DANDGAWHAL GRANTHALI SAGAR MANISHA	8E	alast	plated	plan	abstrati	POHO	
in	JANI VIDHI PRAKASIL BHAVANA	BE	ANI	ANI	ANI	MI	F.N.N.	
12	KURADE ABHUIT GANAPATI PRATIBHA	38	Him	MM	Mint	MAN	ALJ H	
13.	SHAPARIA CHINTAN VUAY CHANDRIKA	BE	denta	- divisor	- DENTA	abouto	Pedar	
14	THAKUR ON NILESH SUIATA	38	theter	Buter	Taken	Tomes	Tenter	
15	VYAS HARSH DHAVAL SHIVANI	BE	500FT	DAY ECO	040-1	OBIL	ONLY	

Feculty Co-ordinator

(Mechanical Engineering Dept.)

(Mechanical Engineering Dept.)





VIVA Institute of Technology

Approved by AICTE New Delhi, DTE, Govt. of Maharashtra and Affiliated to University of Mumbai Shirgaon, Virar(E.), Dist: Palghar-401305, Maharashtra

CERTIFICATE

This to certify that Dr. / Mr. / Ms. PRAJAPATI PRACHITI GANESH SHILPA

has attended a Short Term Training Program on "ANSYS (Engineering Simulation)" during the

period 3rd Jan - 7th Jan, 2022 at Department of Mechanical Engineering, VIVA Institute of
Technology, Shirgaon, Virar.

(Most

Mr. Tejas Chaudhari (CO-ORDINATOR) MAPUL

Mrs. Niyati Raut (HEAD OF THE DEPARTMENT) Tuna

Dr. Arun Kumar (PRINCIPAL)



VIVA INSTITUTE OF TECHNOLOGY

SHIRGAON, VIRAR (EAST)

DEPARTMENT OF MECHANICAL ENGINEERING

Late Shree Vishnu Waman Thakur Charitable Trust's

VIVA Institute of Technology

Shirgaon, Virar (E)

Department of Mechanical Engineering

VIVA/VIT/MECH/STUDENT/2021-22

NOTICE

All the shortlisted students of B.E. Mechanical Engineering are hereby informed to attend the Value Added Course organized by Department of Mechanical Engineering on the topic of "Introduction to Dye Penetrant Non Destructive Testing (DT) Method" from 03rd January to 07th January 2022.

Timing:-

1st Session: - 9.00 am - 12.00 pm

2nd session:- 1.00 pm - 4.00 pm

Venue:- CAD CAM Lab

Prof. Tejas Chaudhari

- eles

Faculty Co-ordinator

Prof. Nyati Raut

Date: 30/12/2021

HOD Mechanical

VIVA INSTITUTE OF TECHNOLOGY

SHIRGAON, VIRAR (EAST)

DEPARTMENT OF MECHANICAL ENGINEERING Syllabus & Course Outcomes

Course Name: Introduction to Dye Penetrant Non Destructive Testing (DT) Method

Academic Year: 2021-22

Syllabus:

MODULE	DETAILS	HOURS
	Module 1: Basic Principles of Non-Destructive Testing	
	Definition and importance of NDT	
	Types of NDT methods	
	Visual testing (VT)	
1	Liquid penetrant testing (PT)	5
1	Magnetic particle testing (MT)	3
	Eddy current testing (ET)	
	Radiographic testing method (RT)	
	Ultrasonic testing (UT)	
	Comparison of different NDT methods	
	Module 2: Basics of Dye Penetrant Testing	
2	Advantages of Ultrasonic Tests	4
	Limitations of Ultrasonic Tests	4
	Criteria for Successful Testing	
	Module 3: Quality Assurance techniques	
2	Visible Solvent Removable	7
3	Water Washable	/
	Post Emulsifiable	
	Module 4: Inspection steps in Dye Penetrant Testing	
	Pre-cleaning Pre-cleaning	
	Application of Penetrant	
4	Excess Penetrant Removal	7
	Application of Developer	
	Inspection	
	Post Cleaning	

VIVA INSTITUTE OF TECHNOLOGY

SHIRGAON, VIRAR (EAST)

DEPARTMENT OF MECHANICAL ENGINEERING

	Module 5: Standards and Codes						
	ASTM (American Society of Testing and Materials)						
	ISO (International Standards Organization)						
_	CEN (European Committee for Standardization)	-					
5	ASME (American Society of Mechanical Engineers)	7					
	NBIC (The National Board of Boiler and Pressure Vessel						
	Inspectors)						
	ISO (International Standards Organization)						

Course Outcomes:

SR. NO.	CO CODE	COURSE OUTCOMES
1	CO_1	Apply basic aspects of Inspection to solve engineering problems.
2	CO_2	Understand the basic concept of Dye Penetrant Testing.
3	CO_3	Understand the various Quality Assurance techniques.
4	CO_4	Understand the various Inspection steps in Dye Penetrant Testing.
5	CO_5	Select appropriate Standards and Codes.

VIVA Institute of Technology

At. Shingson, Virar (East), Taluka-Vassi, Palgher District - 401305, Meharashtra.

Department of Mechanical Engineering

VALUE ADDED COURSE - Introduction to Dye Penetrunt Non Destructive Testing (DT) Method

Academic Verr : 2021-22

Caucse Duration: 3rd Jan to 7th Jun 2022

Time: 9.00 am to 12.00 pm

Sr. No.	Name of Students	Cluss	Date							
	A State of S	CHIAS	03/01/2022	04/01/2022	05/01/2022	06/01/2022	ØT/01/2022			
1	ADIVAREKAR VISHAL ATMARAM AMITA	BE	VAIS	(AM)	Men	MARIA	Æ			
2	ATTAR MOHD HUZAIF MOHD IRFAN SAJIDA	BE	ANA	BW	BM	Dr	BM			
3	BHUJANG ANIKET BALASAHEB BABITA	BE	BOAR	BANG	689	888	DARR			
4	CHAUDHARI RIDDHESH NITIN NIDHI	BE	pour	peur	AB	Rows	ARI			
.3	CHAVAN SHREYAS SAMEER SAMIKSHA	BE	800	9031	88	300	8038			
0	DALVI VAIBHAV EKNATH KALPANA	BE	gas	See	2505	ES	our			
7	/ GAWANDI AISHWARYA ANANT AKSHAYA	BE	oneur	onau	Arguin	AB	Done			
8	/ GONDHALEKAR AKSHATA PRITAM SUJATA	BE	APG	DPG	apu	APG	DPU			
9	/ JAMBHALE SHILPA SHANTARAM SHUBHANGI	BE	33.6	THE RESERVE OF THE PERSON NAMED IN	330	520	22			
10	KENI MILIND GOVIND SANGEETA	86	malering		MALON	massi	max			
.01	KHARAT RAHUL SUKHDEV ANITA	38	RSKS	POSL	RANS	FASS	RELL			
12	/ KHOPKAR MAYURI CHANDRAKANT CHARULAT	BE	AB	AB	ne.	N62	ne			
13	MAHYAVANSHI JAYESH RAJESH KUSUM	BE	504-84		Jalen	JUHU	TUE			
14	MARAVAR MAHARAJA VENKATACHALAM	BE		-	WOW	anno	COM			
13	MISHRA KRISHNA SHASHIBHUSHAN REETA	BE	HSM	SIGN	1384	AB	K&14			
16	MITHARI SMIT PRADIP UJWALA	BE	SPM	28m	Sem	Spr	8001			
17	NAJK DHAVAL SUDHIR SEEMA	BE	Bru		EBY	201	200			
18	NAIK PRAIYOT VIJAY VIDYA	BE	RNUL		100	ennin	BAND			
19	NARKAR PARAS RAVINDRA RAJANI	8E		mater	AB S	Que	ane			
20	/ PALAV DAKSHA VAIBHAV VAISHALI	BE	DNIP	PVP	PVP		D.N.4			
2)	PANCHAL SHUBHAM UDAY ANAMIKA	BE	SUPW	Sugar	Sap	Supers				
22	PARATE MANISH PURUSHOTTAM PUSHPA	BE	MAP :	MUR		DONA	Day			
23	PARULEKAR OMKAR JAYWANT ROOPAM	BE		_		1971 km				
24	/ PATIL POOJA RAJENDRA UJWALA	BE	PRP-N	RAM	gapu	PARen	PAR			
25	PATIL RAHUL BHAGWAN SUNITA	BE	#BR	AB	PRR	PROPE	(DON			
26	PATEL VAIBHAV SAKHARAM SUVARNA	36	DE	SP	120	AR	188			
27	SAWANT NINAD VUAY MANALI	BE	Rus	Qui	Du	Die	D			
28	SHINDE ABHISHEK GANESH BHARATI	BE	(A/2)	AB	Doe	Dem	Ser			
29	/ THAKUR POOJA HARESHWAR VAISHALI	BE	ROUS	for	Ron	400	Rou			
30	/ UPADHYAY SONAM SUBHASH KARUNA	BE	Sour	Serm	Server	AA	22			

At Stargeon
Post West,
Tal. Vense,
Dist. Palgins
St.
POLE (LAS)

Prof. Teles Chaudhari Faculty (O endinator (Mechanical Engineering Dept.) Prof. Nijeti Raut

(Mechanical Engineering Dept.)

VIVA Institute of Technology

At Shirgaon, Virar (East), Taluka-Vasni, Palghar District - 401305, Mahasashtra.

Department of Mechanical Engineering

VALUE ADDED COURSE - Introduction to Dye Penetrant Non Destructive Testing (DT) Method

Academic Year : 2021-22

Course Duration: 3rd Jan to 7th Jan 2022

Time: 1.00 pm to 3.00 pm

S. N.	W	-	Date							
Sr. No.	Name of Students	Class	03/01/2022	04/01/2022	05/01/2022	06/01/2022	97/01/2022			
1	ADIVAREKAR VISHAL ATMARAM AMITA	BE	Bloom	NAAN	MARIN	Spagn	MB			
2	ATTAR MOHD HUZAIF MOHD IRFAN SAJIDA	BE	AB	BM	AN	BM	BM			
3	BHUJANG ANIKET BALASAHEB BABITA	BE	PALL	pade	RAPIL	am	RAI			
4	CHAUDHARI RIDDHESH NITIN NIDHI	BE	SH	con	MB	055	Sec			
5	CHAVAN SHREYAS SAMEER SAMIKSHA	BE	DNY	An	8024	Du	orl			
0	DALVI VAIBHAV EKNATH KALPANA	BE	BAGU	mae	onew	Anus	AB			
7	/GAWANDI AISHWARYA ANANT AKSHAYA	BE	DPG	300	AP6	AB	Dre			
8	/ GONDHALEKAR AKSHATA PRITAM SUJATA	BE	AB	220	559	500	228			
0	/ JAMBHALE SHILPA SHANTARAM SHUBHANGI	DE	malen	mater	malai	marche	mula			
10	KENI MILIND GOVIND SANGEETA	BE	RAS	AB	BORD		88			
11	KHARAT RAHUL SUKHDEV ANITA	86	nes	ms	MS	mes	AB			
12	/ KHOPKAR MAYURI CHANDRAKANT CHARULAT	BÉ	AB	AB C	Men	Jeefa.	2001			
13	MAHYAYANSHI JAYESH RAJESH KUSUM	BE	UEN	MUNA	DVDVA	SINGE	Men			
14	MARAYAR MAHARAJA VENKATACHALAM	BE	AB	YSOL	E-824	4904	Ken			
15	MISHRA KRISHNA SHASHIBHUSHAN REETA	BE	3834	Spu	8pu	MB	SAPON			
16	MITHARI SMIT PRADIP UJWALA	DE		Beno		Doch	Do			
17	NAIK DHAVAL SUDHIR SEEMA	BE	gram	AB	CAMIN	pour	Phu			
18	NAIK PRAJYOT VIJAY VIDYA	96	aro	Dun	Pu	Run	8m			
19	NARKAR PARAS RAVINDRA RAJANI	BE	PVP	BARB	AB	D.N.B	DV. K			
20	/ PALAV DAKSHA VAIBHAV VAISHALI	BE	Solve	SM	sile	grou	gur			
21	PANCHAL SHUBHAM UDAY ANAMIKA	BE	more	mis	mus	mp	AB			
22	PARATE MANISH PURUSHOTTAM PUSHPA	BE	0914	anun	المتعاديات	mou	anu			
23	PARULEKAR OMKAR JAYWANT ROOPAM	BE	MB	RALI	Row	RAM	Reu			
24	/PATIL POQJA RAJENDRA UJWALA	BE	RAP	PORR	PSSQ	PER	RIST			
25	PATIL RAHUL BHAGWAN SUNITA	BE	20	AB	358	250	\$0			
26	PATIL VAIBHAV SAKHARAM SUVARNA	BE	Dur	Ow	Du	AB	Me			
27	SAWANT NINAD VIJAY MANALI	BE	Deper	BON	Par	KUN	Ale			
28	SHINDE ABHISHEK GANESH BHARATI	BE	Dom	HB	Aym	Agu	Deri			
29	/THAKUR POOJA HARESHWAR VAISHALI	BE	Bosy	Rosyn	Roox	Roop	foe			
30	/UPADHYAY SONAM SUBHASH KARUNA	BE	52800	SOU	Soup	AB	Ser			



Prof. Texas Chaudhari Faculty Co-ordinator

Prof. Nivati Rout



VIVA Institute of Technology

Approved by AICTE New Delhi, DTE, Govt. of Maharashtra and Affiliated to University of Mumbai Shirgaon, Virar(E.), Dist: Palghar-401305, Maharashtra

CERTIFICATE

This to certify that Dr. / Mr. / Ms. THAKUR POOJA HARESHWAR VAISHALI
has attended a Short Term Training Program on "Introduction to Dye Penetrant Non Destructive
Testing (DT) Method" during the period 03rd Jan to 07th Jan, 2022 at Department of Mechanical
Engineering, VIVA Institute of Technology, Shirgaon, Virar.

Mr. Tejas Chaudhari (CO-ORDINATOR) Mrs. Niyati Raut (HEAD OF THE DEPARTMENT) Dr. Arun Kumar (PRINCIPAL)



VALUE ADDED COURSE (Online)

Name of Course:	ELECTRICAL INSTALLATION	Branch:	Electrical Engineering
Duration:	30 Hours	Instructors:	Piyali Mondal
Date of Commencement:	22 Feb 2022	Date of conclusion:	18 April 2022

	Course Outcomes
Upon succ	essful completion of the course, the student must be able to
CO1	To understand practices followed in industries for safety of equipment and personnel.
CO2	To understand basic electrical and electronics concepts, devices and their electrical ratings.
CO3	To understand power transfer systems and their installation practices in industry
CO4	To understand documentation required for installation.

Course Objectives

The objective of this vocational course is to make students understand various installation practices followed in industries for electrical equipment. This course is designed to make students job-ready for the industry by instilling multiple skills in them like electrical drawing and reading, IEEE and IS standards followed in industries, documentation for industries, etc.

	Syllabus	
Unit No.	Contents	Hours
1	Health and safety industry practices The regulations, laws and guidance documents associated with the electrical industry, Use equipment on a construction site, Follow safety procedures, practices and policies on construction sites, Carry out electrical safety procedures and practices, Understand environmental protection, structure and roles of individuals and organizations	6
2	Electrical science Understand direct current principles, Understand electromagnetic properties associated with devices under installation, Understand electronic components required for installation with data sheets and drawings.	6
3	Electrical installation Tools commonly used in electrical installation practices, Erect cable containment/management systems used in electrical installation, Install wiring systems and supports used in electrical installation activities, Install accessories and terminate	6



4	Power transfer technology Understand how electricity is supplied and the characteristics of consumer's equipment, Understand isolation and protection, Understand automatic disconnection of supply, Understand the principles of final circuits	6
5	Technical documentation with clients Understand technical information with help of IEEE standards, manufacturer guidelines, Drawings used to plan electrical activities, Types of financial information, Types of handover information	6

	Learning Resources				
Text	Books:				
	 Trevor Linsley, "Basic electrical installation work", 1989 J. B. Gupta, "A Course in Electrical Installation Estimating and Costing", 2013. 				
Refer	1. Trevor Linsley, "Basic electrical installation work", 1989 2. J. B. Gupta, "A Course in Electrical Installation Estimating and Costing", 2013. eference Books: 1. Tarlok Singh, "Installation Commissioning & Maintenance Of Electrical Equipments", 2013				
	 Tarlok Singh, "Installation Commissioning & Maintenance Of Electrical Equipments", 2013 Brian Scaddan, "Electrical Installation Work", 2015 				



VIVA Institute of Technology, Virar SUBJECT: Fleethical Installation B.E. ELECT SUBJECT INCHARGE: Brof Prigod: Mondal B.E. ELECTRICAL (2021-202)

R.	Name	11/3	11/3	1413	1913	21/3	21/3	19/3	1013		
la,	Time	1:34	3530	2130	530	7:30	2:70	1:30	2:30		
1	AMEN GALITAN MICHAN GRETRIA	a	ar	10	tres	ENG	64	0	al		
2	BACWENNAD PRASAD PRAPTI	-		-					-		
1	DHANDARI PRADIP PRAKASIERANDANA	-		- 100	600			-croser	Servera		
4	COLUMN HADIA A BREISH MANESH META	Bt	BF	BI	184	BF	Bf	24	14		
_	DOOR MEDIA DIVANESHWAR SANGITA	1	-								
6	THE WARA STEEL AND, HERA										
÷	CHAUHAN ARSHAY SAMAY JAYSORITE	ELD-	de	100	-14	4	67	1	Jed-		
	CHUVAN BUTUR ALAY APARNA	6	0	(P)	@_	Q-	B	9	B		
9	CHOUSIAN SANGITA PREM NABAYAN	20		30	36	30	SC	36	SK	-3	
-	GAVADE KAKINA GOVIND (YOT)	-									
-	GHARAT HETESH DOWNST DIPA									100	
-	QUILLE ADITI SURTAKANT SONAL										
-	OOLAYI SUYASH MANOHAR MITALI		_						-	1 1	
	GUPTA AVENISHBUNAS SEVALAL										
4	OLUTA HARSHAL BHULAN FINEY	Œ1	(Del	(41)	and	(40)	CH2/	CH	627		
	OLIVEA WUTT GLOUPRASAD ANETA	12.9	Ron	104	BYH	BOW.	for in	BUD	Kol		
6	DUPTA BATHDRA BASHSHT HAND	-	Pign	Port	element of	-					
7	HEPARA ANEIT RAMIENAL	14-	wit	14	#	14	4	14	mf-		
8	TACHAY SAMESRA HIRAMAN	3	8)	8	81	81	81	81	8		
	TACHAY SODELANE ARKITA	840	587	370	(E30-1)	sm	800	(43	2333		
0	The second secon	0.0	240	20	tata. J	- 10					
1	TAISWAL ANITHONIAN NAVALEISHORE										
3	KALE PRADEEP PRAKASH SUNITA	GK.	sk.	CV	CK-	54	C1/2	SE	SK		
3	KAMELE SHWETA NARENDRA VANITA	200 P	20-1	on to	54.4-	25		24-			
4	KAPDILLE OMEAR VASIDED VANDANA	10.0	KA	NB.	KB	ZB.	EB	EB.	\$B		
-	ECHADAVE BRAKTI SADASTEV	180	100	10	P-00	100	5-62	21.42	140		
9	KOLEKAN KURNAL VILAS RASSAMA										
-	ECHOSEAN VILLIPIALI BRALACHANDRA		-								
	LASE NETERI BRIKASI HUTAN							-		-	
-	LONE KAMELSHI GARRAT GEETANVALI			1	10.000	200	2111	66116	****		
-	MASTYA MILAF KISHOR KAKIDEN	Me	MI	du	My	Mu	M	wy		-	
J	MAKWANA PRATIK BIPIN RANGAW	MP	MP	Det.	MB	MP	MP	MA	MA		
2	MARDOLEAR SACHEN DENKAS VAISHALI									-	-
	MUNICAYAT SHEETIN RAYDIDAAN	-								-	-
	ACHICOCAE ARREST SANIAY SEAL					-		1222	W. A.		
	NAMEDITIMINE RINA	M	M	M	m	m	m	m	W		-
	ORIA VIRIAL REGISCANT MEENA	-		-					1.5		-
1	PACHAREKAR ASHISHKUMAR ASHOE	-									
i	PADVE AESISAT ABUDI ASMETA										
d	PANCHAL MITH VINDOKUMAN HANSA				-			1- 0	Table 1		
1	ARUDHI SHAKAD CANTSH SUNITA	-	-								
+	ASSITE POOLA KIBAN KAIAL	-					-		-	-	
+	WITE DAESHAT BIRALCHANDRA										
4	ATE OMEAR YEAY SUVANIA				e	1	-	-	The same		
4	ATE PAYAL SIDIL SMITA	Pane	Person	Trion	aunt	Just	CLIP	troul-	- delent		
-	ATE RUSHKESS ELIMAE KAYTEA	1	1				- 4	W.L 3			
+				2		1-1	-				
+	ATE SANSIT SCPANISSIMA	4	Au	Free	France	Fawas	France	France	Lower		
1	WWANT PALOCINE RALACIOUNDRA NARDA	NP.	Dever	V-It-	453	NP.	NP.	NP	NP		



45	PAWAR PRIVANKA BHAIRU SUNITA*,										_	_
50	PAWAR RANKIL BAJENDBA NISETA				14				1			4
51	PEKE KISEANT IITEKORA INYSIREK											
52	PENPLE TANAY NARENDRA NAMITA				- 1							
53	POGENIE ENERA DEVÍCA ENARATRE				-					_	_	4
54	LANE NETRA PLAKADIL NINDA	1								_	_	4
55	CALIT KALPIT MANORAR MANARET									_	_	4
56	LAWOOL PRATEAM PANEGARINATE		-		-					\vdash	_	4
57.	LATYED ANAAN KAUSAR NASH	典	無	#	A	1-4	突	1	A	_	_	4
M	LANGE YUGAY BALALAH VEUSRALI									_	-	4
59	SAPATE SOUT DOLET DIPALES	7						-		-	-	4
60	DASE PARAGRAPEN PUPALI									\vdash	-	4
61	DAWART PRATIX RAVINDRA SHABA										-	+
13	EAWART BORAK VISHWANATH VINAYA		1			Lancius and				-		+
o	ILIPAL KARRISH BODIESERDIA	他与	H363	1135	100	MBO	1135	1185	120	-	-	Ŧ
64	SHANYAR CHINEU CHAKATYA PARVATI									-	-	ł
cs.	BEDICE KAI SATISH SEICHE						-				-	ł
66	SHINDS RUTH AVEUGH APEKSHA											ł
67	HOLOM RETTERS EAST-CHARGE A KIRAN								-		-	ł
48	TANDE ANNY ADROX ASSIVON											H
63.	ENDER PARTIE BAVEHANDORAT DAYA BEN							-		2	-	H
70	DEAUGURE BHAVEOU SHOUKANT SWATT									200		H
71	TRANSPER PROVINCE AND AND SECOND	0		~			-		1.			H
14.	UPADITYAY YEKIY UMBIBEUNIAR	1 hos	Viva	Como	James	Vm	Non	(Jones	VM			H
13	VANMALI DIBILIVESE PRABRANT	1	-						-			H
14	VAZE ASSULTOSE KITEN KRUTA								-			-
18	TENANTE PRATIMESH PEAKASH					_						-
10	VELPADA EMERICA CEDITAMAN			Contract of	4.0	- 47	00	20	20			-
77	SHWAKAIMA TROVCE BATTHORA	20	20	20	20	20	20	v	-			
4	VADAV AARASH SATISH SHEKA	-					-					
9	ADAY PANKAI KUKESHCHONOKA	-					-					10
9	ACHIAY ROTESH MACHEKAN MACHICIA		4		_	_						-

57.	Date	TOPICS COVERED
1	u/3	Current fringles
2	11/3	- Whiteen components readings
3	14/3	- elaponi: origonoluti reacting
	1413	Dute muto land drawings
	21/2	Euro durin to materian
	01/3	Colle erection, Installation
-	20/3	7006 for Intallation
-	10/3	wing modern & supports



SUBJECT INCHARGE

SUBJECT: Fleetical Tretallation
SUBJECT INCHARGE: Part Payali Mondal

B.E. ELECT B.E. ELECTRICAL (2021-202)

R.	Name	27/3	22/3	26/8	allay	yes.	14	414	-11-	-	4
Na.	Time	2:50	2-30	5:50	1:30	1 Te	1120	2:30	3:30		
6	AMEN GAUTAM MORAN GEETHA	600	de	de	CAY	EACI	684	ar	ase		
3	SAGWE NIXAD PRASAD PRAFTI	9 19/22	-	C	-		-		-	_	Ц
3	MICANDIANI PRADIP PRAKASH KANSANA	-		-	1		7.		-	_	
4	SHARKHADA ASHINI MARESH NITA	24	24-	PA	Bt	61	St	81	84	_	
5	SHOIZ AMESHA UNIVANZERWAA SAMOITA		-	-	-	-	-	-	-	_	
6	SHUSARA STESH AND HELA	0	-	-	150		- 5	500		_	_
7	CHAURAN ARTENY SANIAY JAYERREE	Ex.	-	EX	ad	801	PI	SH	24	_	
Á	CHAYAN BUTUK AJAY AFARNA	C	CD-	@_	OB.	(B)	C		CE-		_
18	CHORHAN SANSITA PRZIM NAZAYAN	90	SU	SI	SIL	SC	SU	d	51	_	
10	CAWADE KARUNA ODVIND JYOTI.		-	-	-	-		- 1	-	_	_
11	CHARAT HITESI DINESIR DIPA.		-	-	-	-	-	-	-	-	
12	GUSEZ ADTI SURVAKANT SONAL			-	-	-		-	-	_	_
13	The state of the s			_	-	-	_	-	-	_	
14		100		-	-		-	-	0	_	
15		(1)	-01-7	64	Carr	617	64	P	647		
14"		6.17	AH	16:47	PEIN	14to	14.17	KH	Peals	_	
17	Control of the Contro	3000	5.	-	-	-		-,			
III'		14	119	14	M	dif	14	M	M		
19		0	8)	R)	57	3)	3)	5)	31		
10	MONAY SIDDLE ANE. ANKITA	500	500	800	SD	80	(N)	692	cro		
21	MISWAL AMITKUMAR NAVALKIERORE	3 -	-	-	100	-	-	-	-	_	
21		-		-	-		-			1	
36	CAMBLE DIVEYA NAZENDRA YANTA	SK	0K	SK	SK	SK	CK	5 K-	SK	_	
34	EAFECTE OMEAN VASCTED VANDANA	-	-	-	-	-	-	-	-		
25	CHARAVE BRAKTI SADASHIV	146	PB	NB	KB	KB	KB.	14	KB	_	_
-	COLEKAN IZIBIAL VILAE RANBANA		-	-	-		-	-			
_	COMMENT VERSION I MENTAGENDRA		-	-	-	-	-	-			
28	LASE NITERII BIERAN NUTAV		-	1	-	-	-	-			
-	LONG KANLESS GASPAT GEETASUALI	A THE	-	-		1	-	-	-		
	MADITA MELAHKISHDIR MAMBEN	MH	un	LUL	My	Mu	m	My	Jul		
-	The state of the s	MP	MAP	MP	MP	NOP	MP	MP	NP		
-	MARGOLEAR SACHEN DENEAR VALSBALL			14	-		-		-		
_		-		-	-		-	-	-		
-	MUNICIPAL ANNET SANIAY REAL	-	-	-	-	-	-	_			
18	NANDAM MINIB RIDA	w	m	m	M	m	M	mo	m		
	SONA VISHAL SHASIKANT MEENA	110				-		-			
-	PACHGUERAR ASHISHRUMAR ASSISE	-		-	-	-	-	-	-	-8	
	PADYE AKIHAY AKUN ADMETA		-	-	-	-	-	-	1		
38		1 -	-	-	-			-	-	-10	
-	PANCHAL JATEN VENDOCUMAR HANSA		-	-	-		-	-			
-	PARADIG SHARAD GUNESH SUNITA				_	-	-	-	-		
-	PACHTE POUSA CIRAN KAIAL				-	-		-			
-	PATE DARREST BRALCHORES.		-	~		_	-	-			
-	PATE CHICAR VIIAV BUVARNA	1	225	Laur	Devent	Tour	ther	Pare	Panel		
	PATE PAYAL SUVEL SASTA	- the cont	tend	Parkey	F1.50E.80Z				_		
-	PATE KUSHKEBI KUMAR KANTA	-		-	-		1	1	-		
	PATIL SANGET SCPAN SIEMA	ch.	State	France	Down	Fine	From	Ban-	Bur		
d	PAWAS TALGUN RANCHANDRA NANDA	Things:	A	0	ND	A.P.	NP	No	100		



er þ	AWAR PRIVAPEA BRAIRU SUNTER"			-		-					
10 1	AWAR AMEL KARDIDAA MEETA						-				
11	MARGINAL ARDISTI TANDERS SALE			- 2							
12	THPLE TANAY HARENERA HANGTA										
53	POCOARI DIRINA DENNA MININA PRI										
94	A AVE DETRA PRAKABICHADISA										
11	DALES MANUFACE TRANSPORT										
11.	SARCO PRETIME PAREMARINETH										
M	SAFETS AMERIC KAURAR BANDA	-1	10	18	A	1	15	18	13		
dt.	SAPRICE VOCAN BALAKAM VERTERALI				7.3				7.3		
10	SAPATE KONT OLDER DIPALEE		- 1	-							
69	LATE PARAGRAPHIC POPALI			-		-					
61	LOWART PRATTIE LAVISEURA SUALA		1	-							
62	SANGER BERNAN VIRTHER HAVEN VIRGINIA VIRGINIA										
w	TEPPAL BARAGUS SECRETAL ROSA	(BO	120	Mag	(Des	1363	FY	D-	er.		
64	SEAPAR ORBITISHURATTA PARYATI	11800	100	4 Bro	1803	40.5					
45	SHINGS BAJ SATISH SEROIS										-
84	SECRETARY AND USH APPENDIA										
67	TOLDH HITTETH BAHCHANDRA KOLAN										_
11	TANKS AMAY ADDOC ASSIVED										_
65	TANK PARTH BAYCHANDSHALSAYA BER									\vdash	-
TP	PRAKANE BRAYERS BRUKANT (PAAT)										
18	TRANSPORTATION AND AND INCOME.										-
N	CHADANAY YEAVY DAGGER BURNA	1 horas	Vin	Maria	Make	A	p.	1.0	-		
73	VARBALLI DIRROVEZH PRANSANT	141	-	14.5	9409	-	-	7	47	\vdash	-
74	VAZE ASSISTEMBESTA				7.00					\vdash	-
18	MEDIANDE PRATIBUESIS PRAKASIK										-
76	VILENDA SUNSCIA CRIDITAMAN										-
7	STEPHNACAGRA PEDICE RAJDIDBA	20	70	200	20	20	A-	20	20		-
78.	VADAY AARASH SATISH SHISKA			-	-		1	P.	1		-
79	YADAY FANKAI ILIBESIKSIANDIRA										-
10	HERRAY HITESHIRAZHENCAN MAZHEDIN										-
	NO OF STUDENTS PRESENT	-		_		_					

5r 00	Date	TOPICS COVERED
1	29/3	Supposes to intalletims
2	28/3	Actions intall others
3	28/3	Turodukan to power finisher
4	orlon	Supply up energy to commun en
5	01/04	Tholoton and portunon
6	01/011	-Auto restoured of agingment
7	414	Introduction to portubre believing
1	414	pringles for find circultary



SUBJECT INCHARGE

VIVA Institute of Technology, Virar SUBJECT: Flecher (a) Institute of Technology, Virar BLE. ELEC SUBJECT INCHARGE: Prop Payali Mondal. B.E. ELECTRICAL (2021-202) 16 4 15 4 15 4 Name Will. asy AHTHEO HAHOM MATUAD KENA BACWE NINAD FRASAD PRAPTI BHANDARI PRATICI PRAKASH BANDANA INTATERADA ASHISH MARESH NITA BEFORE AND HAD DRIVANESPIWAR SANCETA BRUSARA BYEST AND HURA CHALINAN AKSHAY SANIKY IAYSHREE (0) 9 0 8 CHAVAN KUTUK AKAY APARKA 21 er. CHOUHAN SANGITA FREM NASAYAN DAWADE BARLINA GOVIND IYOTT CHARAT HITEST DOMEST DIPA. CLIBILE ADITI SURVAKASIT SONAL IS SOSAVI SEVASH MANORAR MITALI 14 CLPTIL AVINASHRUMAR SEWALAL CH CH CH CH CR IS CUPTA HARBHAL BHULAN PINCY Birt Rays Part 35 CUPTA PRITT CURLPRASAD ANTA OUPTA RAINDRA BASHIINT MANTU 14 44 ist 44 247 HAPPINA DIECT KANDERNI 18. 8 3) 3 3 87 INDUSTRI ANDRESHA REPARKAN PRO (0) CO 0793 36 INDOMY SIDDHI ANE ANEUTA 000 STO TAISWAL AMETICIMAN NAVALICISIONE 20 CALE PRADEED PRAEASH SUNITA 20 PE GK. DK. MAMBLE SHWETA NARENDRA VANTA KAPPULE OMBLAN VASUDEO VANDANA ICHADAYE SHAKTI SADASHIV NOLDEAR BUSINE VILAS BARBANA SUPERIAR VALUEALI BITALACIANDRA 27 LASE NITESH THEAT HUTAN 28 LOKE KAMLESH GASPAT CERTAWALL LIL un 114 MADIYA MILANKISHOR RANGEN MAPINAP MAKWANA PRATIE BIPTH SANVAM MATERIAL SACIES DINEAR VARIETALS MUNDAYAT SESETIBI KAYINDRAN MERCORAL ANDREY SANDLY SEIAL 34 m m m W NAMED AND ADDRESS OF THE PERSONS. ORGA VISIBAL SHASIKANT MEISIA PACHAPERAR AUTORICANAN ASSIGN PADYE AKSHAY ARRIVA ASMITA 38 PROCHAL PATEN VENDEKUHAR HANSA PARADID SMARAD GANESH SUNITA PARISHTI PORIA KERAN KAME PATE DAKIHAT BIBALDISANDRA PATEL ORIGAN VILLY SLIVANNA that 18 1 John Hays Prot Jones Grant PATE PAYAL BUNE, SMITA PATE AUDREDON KUMARIKANTA PATEL SANGET ROPAN STEEMA tow Davas Dum FEWAR FALCUNE RANCHANDRA NUMBA PEWAL BELLEMANDETT MADEN



0	AWAR PRIVADEA BIJABURINTA *	1				- 0	1 0				_	
-	PANYAL BARIAL BARDORA HEETA	0	-									
91	PEAR NESSANT STENOBA JAYROUSE	_						-				-
52	TOUTLE TAKAY NAMEDURA HAMITA											_
-	POGIALI SDEHA DEVRAI BRAKATIB	1										5
54	RANE NETRA PRAKASH NANDA											_
55	PACT KALPE HANGBAR NANASWI	100										-
56	EAWOOL PRATHAM PANDIARDIATH											_
97	SATTED AMAAN KAUSAN NASEN	#	#	典	典	五	-1/2				_	_
18	LORGES YUGAN BALARAM VINERHALI		1.1000			Silver 1	2 300				_	_
10	SAPATE AGRIT DILESPER PROPERTY											-
60	LASE PARAG RAJESH RUPALI		-								_	-
51	LAWANT PRATTIC RAYINGRA SHAILA										-	-
62	AWANT BOILAN VIERWANATH VINAYA	9									_	_
63	LET'AL HARMES BINDESTROMA	1435	HBS .	HSS	483	4135	485					_
ы	SHANYAR CHENTU DRAKATYA PARYATI		-		10000	- HE					_	-
65	DENJE RAJ SATISH SIDORE										-	1
66	DEDICE RUTE ANKARI APEKSIA	-							-		-	3
67	SCLUK HITTERN BANKHANDRA KIRAN					-						-
GB	FAMILE AWAY ASHIDIC ASHWING										-	-
69	CAN'S PARTIE BAYCERANDORALDAYA BED	-	-							+		-
70	THURAPE SHANTSH SIRSKANT SWATS									-		-
71	THINKARE CHETANA NARAYAN BHARATI		1	1			0					-
73	ANCH BERM YORK YARRANG	(Jrong	Men	Dires	When	CAAL	May	*				-
73	VANBALI DIROVERI PRASBANT									+		-
34	VAZE ADBUTOSH NITH NEXTA	-							-	-		-
75	VENERADE PRATRIMENT VENERASIE											-
76	VELOVIDA SUREBIRA CHENTAMAN				-		- 2		-			-
11	VISITE AGAINS FILITE SAGNORA	A	20	A	20	1	A					
79	VADAV AAKASE SASSA SVERA								-	-		-
79	YADAV PANKAI SURESHCHANDRA						-					-
80	CADHAY BITTER MADRICKAR MADRICKS											-

Sr no	Date	TOPICS COVERED
1	11 4	Feeling documentos
2	uly	IEEE dayashut noting
3	15/4	manifectors quidalons and drowings
4	15/4	Drawing glan of components
5	Isly	granial documentation hard over
6	18/7	Concluien, and sunary session
7		
i		
-		y mondal



SUBJECT INCHARGE

VIVA INSTITUTE OF TECHNOLOGY

(Affiliated to University of Mumbai; Approved by AICTE & DTE)
Veer Savarkar Marg, Shirgaon, Virar 401303

Department of Electrical Engineering

CERTIFICATE

This is to certify that,

Mr./Ms. BHARKHADA ASHISH MAHESH

of BE Electrical

has successfully completed value added course on

"Electrical Installation Guides"

organized by

Department of Electrical Engineering

for A.Y. 2021-22 from 22-02-2022 to 18-04-2022.

f. mundal

Course Coordinator

Beso

Head of Department



VALUE ADDED COURSE

Name of Course:	Printed Circuit Board(PCB) Designing	Branch:	Electrical Engineering
Duration:	30 Hours	Instructors:	Anojkumar Yadav
Date of	22 Feb 2022	Date of conclusion:	13 Apr 2022
Commencement:			

	Course Outcomes						
Upon successful completion of the course, the student must be able to							
CO1	To understand the requirements of designing a PCB using software.						
CO2	To understand various components required for PCB design and their electrical ratings.						
CO3	To use development tools for PCB designing						
CO4	To understand design standards and flow charts						

Syllabus						
Uni	Contents	Hours				
l t No.						
	Introduction to PCB designing concepts:	6				
	Introduction & Brief History: What is PCB, Difference between PWB and					
	PCB, Types of PCBs: Single Sided (Single Layer), Multi-Layer (Double					
	Layer), PCB Materials. Prototyping, eCAD and PCBs, Purpose and Intent,					
	Equipment Computer Circuit Programming and Testing Hardware, PCB					
	Component Hardware, Software, MPLAB X IDE and XC8					
E OF YEAR	Compiler, Understanding the Walkthrough					

2	Component introduction and their categories:	6
	Types of Components: Active Components, Passive Components	
	Component Package Types: Axial lead, Radial Lead, Single Inline	
	Package(SIP), Dual Inline Package(DIP), Transistor Outline(TO), Pin Grid	
	Array(PGA), MetalElectrode Face(MELF), Leadless Chip Carrier (LCC),	
	Small Outline Integrated Circuit(SOIC), Quad Flat Pack(QPF) and Thin	
	QFP (TQFP), Ball Grid Array (BGA), Plastic Leaded Chip Carrier(PLCC)	
3	Introduction to Development Tools:	6
	Introduction to PCB Design using OrCAD tool, Introduction to PCB	
	Design using PROTEUS tool	
4	Detailed description and practical of PCB designing	6



	PCB Designing Flow Chart, Description of PCB Layers, Keywords & TheirDescription, PCB Materials, Rules for Track, Study of IPC Standards	
5	Lab practice and designing concepts: Starting the PCB designing, Auto routing, PCB Designing Practice, Post Designing& PCB Fabrication Process, Testing and Troubleshooting Methods	6

	Learning Resources					
Tex	xt Books:					
	1. Kraig Mitzner, "Complete PCB Design Using OrCad Capture and Layout", 2011					
Ref	ference Books:					
	 "PCB Design for Real-World EMI Control (The Springer International Series in Engineering and Computer Science)" by James Drewniak and Bruce R Archambeault. "PCB Design: Printed Circuit Board" by Michael Dsouza and Dsouza Michael 					



SUBJECT: THINK OF SELECTRICAL (2021-2022)

Name	20/2	23/2	25/2	23 2	25/2	4/3	413	4/3	P	C	T
Tine	3:50	\$130	1:30	2:30	ALL .	1150	5:70	3:50	7	4	-
AMBAT SAGAR SANTOSH	Mu	AM	AM	A	Alus	AIN	Alt	Agh.	0	7	7
	Briti	Bouge	BAY	Boy	Bry	A	Bry	A	0	6	6
	SGBon	THE REAL PROPERTY.	S GE BOY	-6.6150	S.G. Bru	-4	Steller	Salv	0	7	7
	Maril	Blu	Rhu	Rhy	A	Bhoy	Bhu	Bhel	0	7	7
	-		-					0 10		-	1
Delicate and a more of the		-				- 13					0
	RREL	RKR	1	RAR	RAGO	A	PRE.	ROBOL	0	6	6
Since the control of the same of	A	2	as	CVS	as	CV	as	de	0	7	
Source and the second second	1						77.	4			
Security of the Security Secur	Aledah	Alik	Alado	AGO	Adola	Alada	Afda	Aldor	6	8	8
* Control Control Control Control		-	100								
SANTAGA SANTAG	Aus	-Aufa	A	ANF	+ Aufa	FA	AuFal	Ante	10	6	6
CONTRACTOR MANAGEMENT OF THE PARTY OF THE PA	A In a	7.		VSGa	VSG	A	Vagu	A	0	6	6
and the same and the same and	05200										+
ALL THE RESERVE AND ADDRESS OF THE PARTY OF		- 11									
COHIL DHRUV ATUL	DA Colo	DAGeh	Do Cah	A	DAGOL	DAGA	DAGA	Oplan	0	7	7
GUPTA SUMIT SURAIDON	534	A	SSG	A	A	554	SSG.	556	0	5	5
The second secon	1	I	371			T V					-
JADHAV AAKASII KISIIOR	James	- por	lagh	A	Joon	Jalla	Tachr	Jadru	0	7	7
JADHAV ROHAN EKNATH		9			9	•	9	7		-	
JANATHE HARESH LAXMAN											-
KADAN KUNAL KISHOR	KKlah	Kt Kada	KKtor	KKW	fix borb	k/K Kod	KKKal	KKka	0	8	8
KADAM NIKHIL YUAY	14	NVK	A	NVK	NVK	A	NVIS	NVE	0	5	5
KAMBLE NATH ANAND				- 3	- "						-
	VAKON	A	VAKE	~Vat	~A	VAKE	Valer	VAKEN	0	06	6
KESARKAR ROHAN H	1		151 0	-28			-	1			
KUSHWANA SUNNY JAYPRAKASH									2		
LATE DEEP DEEP	M) Lute	A	0012	· A	MOLD	A	1)0)dt	Oplat	0	05	5
MACHEL AMOL JAYHIND	7		1		3200			172			
MANADIK SHREEKRISHNA P				1	-						
MAHALA KILESH YASANT	-	- 1	1 63	1	-	1	-				
MALI MITESH VIKAS	Marin	Malo	Moun	Mali	Makey	Makin	A	Halit	0	7	7
		A*	100 M		U.S.	8774					
MHATRE PRASHANT MANGI						51					
											-
	_										
	AMBAT SABAR SANTOSH BANGAR HEUSBURGSH MANDESH BRAGAT AALEGH DADAN CHAUDHARI VIGHNESH SANDESH CHAUDHARI VIGHNESH SANDESH CHAUDHARI VIGHNESH SANDESH CHAUDHARI VIGHNESH SANDESH CHAUDHARI VIDANT SHARAD GADHARI VEDANT SHARAD GANYE ALANKAR GOVIND GHORPADE RUSHIKISH R OOHIL BHRUV ATUL GUIPTA SUMIT SURAIDON GURCDA KUNAL KRISHNA JADHAV AAKASH KISHNA JADHAV ROHAN EKNATH JANATHE HARESH LAXMAN KADAM KUNAL KISHOR KADAM KUNAL KISHOR KADAM NIKHEL VUAY KAMBILE MATH ANAND KARWANDE VIVEK ANIL KESABKAR ROHAN H KUSHWANA SUNNY JAYPRAKASH LATE DEEP DILIP MACHEL AMOL JAYHIND MAHADIK SHREECEISINA F MAHADA KILESH VASANT MALI MITESH VIKAS MESTRY VEDANG JRAVIN	AMBAT SABAR SANTOSH BANGAR BRUSHIKESH MANGESH BAROT SHYAM GOVIND BRAGAT AALECH DADAN BRAGAT ROBAN ROTHAL BOLKE ROBAN RAMESH CHAUDHARI VIGHNESH SANDESH CHAUDHARI VIGHNESH SANDESH CHAUDHARI VIGHNESH SANDESH CHAUDHARI VIGHNESH SANDA CHORPADE RUSHIKISH R OOHIL DHRUV ATUL GUIPTA SUMIT SURAIDON GUIRCDA KUNAL KRISHBA JADHAV BORAN EKNATR JANATHE HARESH LAXMAN KADAM KUNAL KISHBOR KARWANDE VIVEK ANIL WESARKAR ROHAN H KUSHWAHA SUNNY JATPIRAKASH LATE DEEP DELIP MACHEL AMOL JAYHINO MAHALA KILESH VASANT MAHALA KILESH VASANT MALI MITESH VIKAS MESTRY VEDANG JIRAVIN MHATRE PRASHANT MANOJ	AMBAT SABAR SANTOSH BANGAR HRUSHIKESH MANDESH BANGAR HRUSHIKESH MANDESH BANGAR HRUSHIKESH MANDESH BARGAT AALEEN DADAN BHAGAT AALEEN DADAN CHANDHARU VIGHNESH SANDESH CHANDHARU VIGHNESH SANDESH CHANDHARU VIGHNESH SANDESH CHANDHARU VIDANT SHARAD GADHARU VIDANT SHARAD GANVE ALANKAR GOVIND CHORPADE RUSHIKESH R GOHIL DHRUV ATUL GLIPTA SUMIT SURAIDON GURCDA KUNAL KRISHNA JADHAV AAKASH KISHOR JADHAV ROHAN EKNATH JANATHE HARESH LAXMAN KADAM KUNAL KISHOR KADAM KISHOR KADAM KUNAL K	AMBAT SABAR SANTOSH AMBAT SABAR SANTOSH BANGAR HRUSHIKESH MANOESH BRAGOT SHYAM GOVIND BEAGAT AALEKH DADAN BEAGAT AALEKH DADAN BEAGAT AALEKH DADAN BEAGAT AALEKH DADAN BEOKE ROMAN RASESK BIND HYENDRA MOTILAL BOLKE ROMAN RASESH ANDESH CHAUDHARU VIGRNESSH SANDESH CHAUDHARU VIGANA CHAUDHARU VIGANA CHAUDHARU VIGANA CHAUDHARU VIGANA CHORPADE RUSHKESHR OOHHL DHRUV ATUL GUPTA SUMIT SURAIDON OURCDA KUNAL KRISHNA JADHAV AAKASH KISHOR JADHAV AAKASH KISHOR JADHAV ROMAN EKNATH JANATHE HARESH LAXMAN KADANA KURAL KISHOR KADAN KURAL KISHOR KADAN KURAL KISHOR KADAN KURAL KUSHOR KADAN KURAL KURAN KADAN KURAL KURAN KADAN KURAL KURAN KADAN KURAL KURAN KADAN KURAN KADAN KURAN KADAN KURAN KADAN KURAN KADAN KUR	AMBAT SABAR SANTOSH AMBAT SABAR SANTOSH BRANGAR HBUSHIKESH MANDESH BRANG SHYAM GOVIND SIG BOW SIG BY SIG BOY SIG B	AMBAT SAIJARSANTOSH AMBAT SAIJARSANTOSH BANGAR PRUSITIKESH MANDESH BANGAR PRUSITIKESH MANDESH BANGAR PRUSITIKESH MANDESH BANGAR SAIFAM GOVEND BHAGOT SAIFAM BANGAR BHOW BAN BANA BHOW BAN BANA BHOW BAN BANA BHOW BAN BANA BOLKE ROMAN RAMESH CHAUDHARU VIGNOESH SANDESH CHAVAN ROSHAN SHEVAJI DALIDA ALADESH ZAMA DHODARE NIVID SURENDRA FATNAJIK ASHISH UDAY GADHARI VEDANT SHARAD GAOHARI VEDANT SHARAD AARAM RUSHAR KUSHINA AADAM KURAL KUSHINA AADAM KURAL KUSHIOOT KADAM KURAL KUSHOOT TIME 3:50 8:30 1:30 2:30 MM A AMA AMA AMA AMA AMA AMA AMA AMA A	AMBAT SABAR SANTOSH AMBAT SABAR SANTOSH BANGUR JERUSHIKESH MANDESH BANGUR SHELDSHIKESH MANDESH BANGUR SHELDSHIKESH MANDESH BANGUR SANTAMA GOVIND SEE BANGUR B	AMBAT SADIAR SANTOSH MANAGER RUSHINGSH MANDESH MANAGER RUSHINGSH MANDESH BANG SHIP SALE BANG	TIME 3:50 8:30 1/30 2/30 8/30 3/30 3/30 3/30 3/30 3/30 3/30 3	TIME 3:50 3:30 1:30 2:30 ART 11:50 2:50 3:50 3:50 3:50 3:50 3:50 3:50 3:50 3	

PANC	HAL DIBUTY ASHOR	NAON	1	1	1	DAM	1	DAPY	4	DAP	0	4	4
_	B HRITIK ATMARAM	1				0		221	-	20 . 1	0	7	7
	TE SNIBIAL SUBHASH	SAAN		A 5	PPAS	Drank	Spen	ffeet	Spiral.	ppan	0	7	7
	L ADNAN NISAR	1			11	-1	10	-	/-		0		
	LJAYDEP		I										
PATE	HARE MAYUR CHETAN		L			0	61	Pen	Dans	Engel	in	7	7
-	L BHAGYASHRI PRABBAKAR	BRO	1	A	Bapahi	Bear	SPAN	DPF	Delan	Eppu	V	7	1
PATE	IL HANDIK PAUMAKAR	-11			11	11			_	-			
PAT	IL PRASAD RAJEEV												
PAT	YL SHIKADOHA KAILAS									-			
RAL	JT YASH KISHOR		1										
	WALE JAY PRAVIN		1								_		
9 SAI	ROJ RAJ PRADEEP		1		-	71	Co	1000	1	SSSW	0	7	7
SA.	WANT STOCKESH KIRAN	SSS	MA C	SSGOV	SSSAM	Ssow	Sissen	SSAW	1	0350	-	7	7
	LAIKH UMER ISHAQUE		1					-					
52 SH	ILIKLA HARSH RAJESH				A 10	-	0 4	1	0. 11	O.I	NA.	5	<
53 SI	NGH DINKAR RAJESH	Sim	W	A	Sive)	A	DIM	14	DIMIN	D SIMIL	10	1	
54 30	DLANKI SAHIL TRIKAM	1			1		And	10.00	A	Asm	0	8	8
23 5	ONAR ANIKET PRAXASH	Ass	pn	Assm	435m	Hisa	17550	HIM	MISM	Pyron	-	0	Ť
56 S	URVE ROUT RAJENDRA					-	-						
57	AMORE RHUSBUKESH P					-	-	-				\vdash	\vdash
58	VANASE ROHAN TANAJI	1		-	N.L.	1	1000	1	V.O.	WiQu	0	5	15
59	VARMA VIRENDRA RANDEV	W	Acti	4	VVID	al A	W	04-74	VY96	A AMEN			Í
H	NO OF STUBENTS PRESENT										L	L	<u>_</u>
Sel	Date		-				TOPIC	COVERED					

Sr	Date	TOPIC COVERED
1	22/2	Introduction to course and history
2	28/2	Turn or PCB portersing
1	25/2	Programing and hardware
4	25/2	PCB componen H/W and s/w
5	25/2	MPLAB X TOE
6	413	walkthrough
7	413	types of component
1	413	ioniperent palkage typis

Anojleumor Yadar



VIVA Institute of Technology, Virar

	Name	20/3	25 3	153	05/3	21/3	247	1/4	1/4	P	C	1
	Time	3:30	1130	1130	1130	3:50	2.30	1:30	2.50		L	_
1	AMBAT SAGAR SANTOSH	Ajul	An	A	AW	ANN	AW	AN	A	14	6	20
2	BANGAR HRUSHKESH MANGESH	Ann	Brook	Bolh	Bny	A	Roll	Pom	Silv	12	7	19
3	BAROT SHYAM GOVIND	SGB	A	A	SGR	A :	SGBA	SEB	SGR	14	5	19
4	BHAGAT AALEKS DADAN	A	Bhull	Bhu	Bhy	Bher	Blira	Bhay	Bher	14	7	21
	BHOIR JANBAVI ASHOK	A					U		/			-
6	WIND JITENDRA MOTILAL				- 8						_	
7	BOLKE ROHAN RAMESH	Ada	DAM	A	RABA	A	RABU	A	RALD	12	5	17
	CHAUDHARI VICHNESH SANDESH		M	as	A	04	CVS	01	CNS	14	7	21
9	CHAVAN ROSHAN SHIVAJI		100		1							
10		Allo	Ana	AAD	A	A	AAD	AM	A	14	5	19
11		1			1							
12	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	AFab	Arat	Aral	AFal	A	AFAI	A	AFON	13	6	19
17	GADHARI VEDANT SHARAD	Mega	A	Why	Vision	A	VSGON	A	V5Gan	14	5	19
н	GANVE ALANGAR GOVIND		-		120		122					
15	GHORPADE RUSHIKESH K								۸			_
11	GOHEL DHRUV ATUL	BAGO	DAGO	DAG	DAGOL	Data	DA God	OAGd	JACOC	13	8	21
17	GUPTA SUMIT SURAJDIN	SSGA	554	A	584	A	A	554	786	10	5	15
11	GURODA KUNAL KRISHNA	_1	4	1	14	1	1	-	9			- 1
11	TADRIAY AAKASH KISHKR	Jack	A	Tach	Jadr	Judh	Jack	Jagu	Jach	114	7	21
30	JADHAY ROHAN EKNATH	1		v	V	_	_	v .				
20	JANATHE HARESH LAXMAN							1.13	107.17			
z	KADAM KUNAL KISHOR	FK/60	A	Joky	A	AKKU	KAGA	KK	KHG	46	6	22
2	KADAM NIKHEL YUNY	WV.Z.	A	NVK	MVKA	NVKA	NVE	NYE	NVKdh	12	7	19
2	KAMBLE NATH ANAND									_		
2	KARWANDE VIVEK ANEL									_	_	
2	S KESARKAR ROKAN'H											
1	KUSHWAHA SUNNY JAYPRAKASH	Acr		rcfil		Oct	nh .	An.	fist		_	10
3	LATE DEEP DOLP	Ma	A	Olla	A	100	Www	DIM	Dolu	12	6	18
2	MACHHI AMOL JAYREND	2.4										
3	MAHADIK SHREEKRISHNA P									-	-	-
3	MAHALA NILEDI VASANT	1		100	All I	() NO	24	A.0.	1		-	2-7
3	2 MALI MITESH VIKAS	Mach	1	Mala	Mah	Klain	H	Mehi	1	12	>	17
3	MESTRY VEDANG PRAVIN										-	-
3	MHATRE PRASHANT MANOJ	W. F. S.								_		-
3	NAIK AAKASHJITENDRA											

PA	INCHAL DHRUY ASHOE	D)A	par	D	ipil	Apri		PAP.	0	jan.	A)apri	Upp	11	6	17
+	KAB HRITIK ATMARAM	T			1	1		1		'	_	-A.	,	_	-	1/2
+	ASHTE SNEMAL SUBHASH	50	Acum	9	pars	Sfer	15	gr.	5)	an	A 5	m	A	12	6	18
	ATEL ADNAN NISAR	1		1		4			"					_		
1 10	ATEL JAY DILIP									_	_			Ш		-
2 ,	ATHARE MAYUR CHETAN										- 4		-	1.0	_	10
_	TATE BHAGYASORI MIABHAKAR	Do	pt-		A	Bopo	-	Spall	B	part	1	popur	A	13	5	18
_	PATIL HARDIK PADMAKAR	7				71		11	.1	'		1.				
	PATIL PRASAD RAIEEV														_	-
46	PATIL SHRADORA KALAS						1		L						-	-
47	RAUT YASH KISHOR	\top							L			-		_	-	\vdash
45	REWALE IAT PRAYER				TIL	TIL			L				-	-	\vdash	⊢
49	SAROJ RAJ PRADEEP						1	-	L	* 0		of a	/h/	-	-7	19
50	SAWANT SIDDHESH KIRAN	\$	Ssan	K	₩gw	SSS	1	SSON	131	San	A	Diam	SSSan	12	7	117
31	SHADER UMER ISHAQUE			1		1			L					-	-	⊢
52	SMUKLA HARSH RAJESH			A	- 1				1		C 11	-	0 1/3	-	1	17
53	SINGH DINICAR RAJESH	5	mgy	1	myle	Sim	1/	A	6	naM	Small	A	Singh	1	6	H.T
54	SOLANKI SAHIL TRIKAM		1	1	, '	1			1		400	Ant.	-	-	-	15
55	SONAR ANIKET PRAKASH		Asso	n	ALSON	A		Asser	4	A	Alsn	ASSI	A	12	5	+
2	SURVE ROUIT RAIENDRA					_			+	_		-	-	+	+	+
5	TAMORE RHUSHIKESH P						_		+	_		-	-	+	+	+
5	VANARE ROHAN TANAJI					-		11.00	-		N/O	1777	1	111	15	16
1	9 VARMA VIKENDRA RAMDEV		例	31/1	WHA	A F		VAP	h	A	Morw	MKa	M	11	+	1/2
L			16/10/18			-	_		+		-	-	-	+	+	+

Sr	Date	TOPIC COVERED
1	93 3	Julie & tutter garbores
1	25/3	PGA MELF LLC
3	2012	quall outline Ils
4	25/3	OPF TOFP PUL
5	2413	developement tools
6	3013	CAD foots
7	114	The 1
*	119	The 2

Prof. Anojkumar yadav.



VIVA Institute of Technology, Virar

R.	Name	8/3	9/2	11/3	11/3	11/3	14/3	1013	21/3	P	C	T	
in.	Time	7150	1.30	1130	2:50	3,30	3:10	3:30	3:30				
1	AMBAT SADAR SANTONI	W~	AN	ARM	ASIN	Asho	ASIO	1/-	ANV	7	7	14	
1	BANGAR HRUSHIKESH WANGESH	Done ,	Rome	1	Book	Born	Boo	A	Bm_	G	6	12	
,	BAROT SHYAM GOVIND	Subon	SaBa	SGBO	S.G.Bo	CGP8-	SaBa	A	Safe	7	7	14	
4	BHAGAT AALEKH BADAN		Arlin	Blogs	Buy	Bhas	Bhey	Bhour	A	7	7	14	
5	BHOIR JANHAVI ASHOK	0,-1	4	0.7	-		-	- '				-	
6	BIND JITENDRA MOTILAL						33						
1	BOLKE ROHAN RAMESH	BRen	ARA	RROW	A	RAR	RRLL	PARA	A	6	6	12	
8	CHAUDHARI VIGHNESH SANDESH	CM	05	NS	CNS	4	CVS	CV4	CVS	7	7	14	
9	CHAVAN ROSBAN SHIVAJI	- 4 2	-			No.			- 1	1		-,	
10		Ateu	A	LAIL	Alano	Adv	Ada	A	Adia	8	6	14	
11	DHODARE NIVID SURENDRA	rinco	-1-	Micco.	17	7.00						-	
12	And the series	ACA	Atish	Afall	AFah	Arahi	Acath	Mak	A	6	7	冯	0
13	GADHARI VEDANT SHARAD	Vagan	Wa.	The second		Vacion		Van	Vsem	6	8	14	
14		Vagon	13QIIV	W-Gev	N. Je	Variation	horas	0				'	
12	GANVE ALANKAR GOVIND											1	
16	GHORPADE RUSHIKESIER	DAGO	Onto	Datel	A	DAGA	DAGah	A	Daten	7	6	13	
17	GOHIL DHRUV ATUL	83G	A	SSG.	SSW	A	SSG	A	SSG.	5	5	10	
**	GUPTA SUMIT SURAJDIN	504	· M	2001									
119	GURCOA KUNAL KKISHNA	Jach	Jour	A	Ouh	Tach	Tach	Toole	jan	7	7	14	
29	JADHAV AAKASH KISHOR	Dear	John	- 11	9.0	Just	9	Journ				4	
20	JADHAV ROHAN EKNATH	1											
22	JANATHE HARESH LAXMAN	vVI	k 10.	NI	KKK	KKKE	XXV	KVK.	Eks.	28	8	16	
22	RALLWAN SCHOOL CONTROL	XIMA	NVK	NVK	Aluk	Aluk	A	Nykai	NVR	5	7	12	
23	SALASH SHICLIAE FOREI	XIVE	MAL	11111	W ME	1445		7 311-	1411		-	-	Γ
24	Popularia anticopación							-	-				
25	DUNNING THE PERSON	-											
26	CLUNCKINI NOTO 1-71	-						V 19					١
21	KUSHWAHA SUNNY JAYPRAKASH	MIL	. 6	DILL	M	nh.	Mul	MAL	Dra	5	7	12	
28	LATE DEEP DELP	Dila	A	ULLOR	tillo	ANGINE.	Alle	4/Hav	DVV	12	1	10	ľ
29	MACRIEI AMOL JAYHIND	-						-					ł
30	MAHADIK SHREEKRISIINA P										-	-	ł
31	MAHALA NILESH VASANT	MI		NI A	A	MA	Male	Mala		57	6	100	1
32	MALI MITESH VIKAS	Mah	A	Macha	A	alu	rial	Mar	A	17	5	12	ŧ
33	MESTRY VEDANG PRAVEN		-						-	-	+	-	1
34	MILATRE PRASHANT MANOJ									-	1	1	1
35	NAIK AAKASH JITENDRA												1

									P	C	T
PANCHAL DHRUV ASHOR	Dapan	Depar	DAP	Dapen	DAP.	A	DAJan	Dopu	4	7	11
PARAB HRITIK ATMARAM	1.1		- 1	1	V		V	Cana	7	5	12
PASHTE SNEHAL SUBBASH	Sipper	A	Sppun	A	Splin	A	Sper	Shler	7	3	1.6
PATEL ADNAH NISAR	111		1.			_		-	\neg		
PATEL JAY DOJP							-				
PATHARE MAYUR CHETAN	100					17	0	1	7	6	12
3 PATIL BRIAGVASHRI PRABHAKAR	BAPO	Bon	BIP	Popal	14	Bppu	5P	1	1	<i>D</i>	-
PATE HARDIK PADMAKAR	1.	-10	1.	- 1		10.71.27					-
ATIL PRASAD RAJTEV								-1			-
PATTI, SHRADOHA KAILAS											
RAUT VASH KISHOR						_	_				\vdash
48 REVALEJAY PRAVIN		11	A				-				-
SABOJ BAJ PRADEEP					1		N.	SSSan	7	5	15
50 SAWANT SIDDHESH KIRAN	SSSa	See	n A	SSSan	SSGAN	1-1-	A	22201	1	1	12
31 SHAIKH UMER ISHAQUE											\vdash
52 SHUKLA HARSH RAJESH			1	1	A	h	- M	1	5	1	h
53 SDIGH DDIKAR RAJESH	Ding	USma	Simall	Asmil	Smy)	A	Dinin)	1	3	6	11.
54 SCEANCE SAHIL TRIKAM		1	1	1	No.	Doc	1	A	8	7.	r
55 SONAR ANKET PRAKASH	A35	n /488	W/453	v A	1490	# Alex	14	1	0	4	10
56 SURVE BOHIT RAJENDRA				-	-	-			-	\vdash	+
53 TAMORE RHUSHIKESH P	710	, ik	10		-	-		-	-	\vdash	1
58 VANARE BOHAN TANAII		-	1110	140	1	WA	THA).	VRay	5	6	11
33 VARNA VIRENDRA RAMDEV	VW6	A A	1/1/26	~ MP	CL A	VVBA	A ANS	VINOM	1	6	1
NO OF STUDENTS PRESENT											L
Sr Date	4		4.5	20.20	TOPIC	COVERED	0				
. 00	D	-1.	· 13	alla	_						

ir	Date	TOPIC COVERED
1	83	Profess Toollin
2	913	Profess toolwir
3	11/3	Plow chart weiting
4	1113	flow that enting
5	11/3	7cB layers
6	1413	Keywords & fisiprion
7	013	RB moserial frack sules
8	213	EPC standards

Anojkumar yadav.



VIVA Institute of Technology, Virar

	BJECT: PCB deve	1/4	1/4	dy	014	414	1214	Ista	13/4	P	C	T
t.	Time	2:30	1120	2.430	2:20	2150	1:30	5150	3:30			
1	AMBAT SAGAR SANTOSH	Am	4	AAN	Mu	4	Am	AAN	1	20	5	25
2	DANGAR HRUSHIKESH MANGESH	A	Rhu	Book	Bon	A	1	Bh	1-	19	4	23
3	DAROT SHYAM GOVIND	N-	COPN	A	SGR	Sc. De	A	Sila	Sten	19	5	24
4	BOLAGAT AALEKH DADAN	1	Rhad	Rhade	Bluf	Rhow	Bhis	Phu	1	21	6	27
8	BHOIR JANHAVI ASHOK		The Boar	V	1,000	and a		0				
6	BIND JITENDRA MOTILAL	20	Haras III	Sv_355					-1	18		
7	BOLKE BOHAN RAMESH	ARB.	RDB	RADA	RKA	A	RRQ	KK12	Rih	17	7	24
8	CHAUDHARI VIGHNESH SANDESH	A	ZVK	1	CVS	1	OVS	4	05	21	4	25
9	CHAVAN ROSHAN SHIVAJI									1-	-	
10	DAUDA AADESHJANA	Ath	A	AHA	. 1	AAH	JAHA	AM	AAG	19	6	25
11	DHODARE NIVID SURENDRA											
12	FATNAK ASISH UDAY	AFRI	1	A	AFal	A	APOH	A	Afrah	19	4	23
13	GADHARI VEDANT SHARAD	Man	MA	VSG	WGG	VBr	A	VSG	VSG	19	6	25
14	GANVE ALANKAR GOVENO		(2)		1							
15	GHORPADE RUSHEKESH R						_		0		-	
10	GOREL DHRUV ATUL.	Mokey	A	1	DAGa	A	1)Aga	Daen	DAJa	21	5	26
17	GUPTA SUMIT SURADON ,	836	554	A	534	4	339	A	SSG	15	5	20
18	GURODA KUNAL KRISHNA					-1			-	A 1	,	000
19	JADRAY AAKASH KISHOR	Jack	+	bak	A	Joelu	A	A	Joelen	2	4	25
20	JADHAY ROHANEKNATH	7:							2			_
21	JANATHE HARESH LAXMAN			lact.		0	wet.		wet	-	,	
22	KADAM KUNAL KISHOR	KKK	A	KKK	A	4	HHO	13/4	FFE	1/2	19	26
23	KADAM NIKHIL VIJAY	A	WVK	MIK	A	MVKA	NVF	MAK	INVIA	19	6	25
24	KAMBLE NATH ANAND									-	-	-
25	KARWANDE VIVEK ANIL									\vdash	-	-
26	KESARKAR ROHAN H							-		-	-	╀
27	KUSHWAHA SUBBY JAYFRAKASH		Carl		Acr	-	mm	a)ait	low	-	P	1
28	LATE DEEP DILIP	1	DDL	1	Mh	A	11116	11/16	MA	18	5	12
29	MACHHI AMOL JAYHIND	1.5			- W			-	100	-	-	+
30	MAHADIK SHREEKRISHINA P								-	-	-	+
31	MARALA NILESH VASANT		1.1		1	1		No. 1		+	-	1
32	MALI MITESH VIKAS	Mah	Mah	A	Mah	Mak	A A	Mal	V A	17	13	12
33	- Control of the Control	A CONTROL			1						1	
34												
35												

	Daan	A	DADAY	A	DAP	A)APU	DAP	17	4	21
	-11			-40	art.		arb.		10	0	21.
	Dut	SHAL	SSkul	San	SSPA	A	Spr	1	0	6	-
on	7	1	'		1		'		-	-	
				(HE) 5174.						_	
		M. I			10				1.00	-	-
	ana	En	Lout	Row	Bail	Ropul	A	Epu	18	1	25
RABIHAKAR	OPP-	OFF	9	11	1	*-1)		-/			
ACAR.	-										_
×	-										
ILAS	-	-	-	-							
	-	-	-	-	-						
	-	-	-	-	-		7.				
	0.7	100	100	- COI	1001	1	Cel.	A	19	6	25
KIRAN	18/4	4S/KG	1 9/2	1200	MA	1	DOLA				
QUE			-	-	-	-					
U.W.			Na	no A	10	1al	land.	Call	17	2	25
Section 1	STAN	Sm	MALAN	MAKA	Sug	1 800 %	01/4/	2015	1	-	
N. C.		1	Agt	100	Adn	NOS	100	1	17	6	7
4. Caraci	A	AP	MAD	h 1150	AV	JAN-	10/0	4/4	11	1	1
		1 0	- 1	-	-	-			1		T
	1	1		-	-		-	1	1		
			111/	1 4	MA	. KAR	1.1	MD	116	仔	5
	W	m A	W	M. A	VVDV	LIVYP	M	VYY	1	T	1
TS PRESENT									_		
Tay I					TOPIC	COVERE	0				
	IK ANN ASSH TAN RABHAKAR V RAS KERAN QUE RESH RESH DEDRA RESH P ANABI ARANDEV TS PRESENT	MASH STAN RABHAKAR BAPAN RABHAKAR BAPAN RASH RESH TAN RABHAKAR BAPAN BAPAN RABHAKAR BAPAN RABHAKAR BAPAN RASH RESH RESH RESH RESH RESH RESH RESH RE	STAN SHALL SHOW BOTH BOWN BASE STANDS	STAN RABINAKAR BARAN RABINAKAR REPAN SELL SKLUSKU SKLUSKU REPAN SELL SKLUSKU SKLUSKU REPAN	STAN SPAN SPAN SPAN SPAN SPAN SPAN SPAN SP	STAN SHALL S	STAN SHUSKU SKU SKU SKU SKU A SKU A SKU	STAN STAN STAN STAN STAN A STA	STAN SHALL S	SIGNA SIGNA SIGNA SIGNA SIGNA A SIGNA	

ir	Date	TOPIC COVERED
1	14	lab procku serion
+	114	-Ainto routing
+	14	-Auto routing
4	514	Dia deson maine
-	614	Int degro & totocotton
6	12/4	TERRING & fromthe Moor
,	1214	Sept 1
-	Bly	Figure 1

Prof. Anojkumar yadav



VIVA INSTITUTE OF TECHNOLOGY

(Affiliated to University of Mumbai; Approved by AICTE & DTE)

Veer Savarkar Marg, Shirgaon, Vitar 401303

Department of Electrical Engineering

CERTIFICATE

This is to certify that,
Mr./Ms. <u>Dauda Aadesh Jana</u>
of class SE Electrical
has successfully completed value added course on
"Printed Circuit Board Design"
organized by

Department of Electrical Engineering

for A.Y. 2021-22 from 22nd Feb 2022 to 13th Apr 2022.

Prof. Anoikumar Yaday

Course Coordinator

5880

Prof. Bhushan Save

Head of Department



VALUE ADDED COURSE (Online)

Name of Course:	Electrical Safety Practices	Branch:	Electrical Engineering
Duration:	30 Hours	Coordinator:	Prof. Mukesh Mishra
Date of Commencemen t:	22 Feb 2022	Date of Conclusion:	19 Apr 2022

	Course Outcomes					
Upon su	Upon successful completion of the course, the student must be able to					
CO1	CO1 Understand the Indian power sector organization and Electricity rules, electrical safety inresidential, commercial, agriculture, hazardous areas and use of fire extinguishers.					
CO2	Outline the electrical safety during installation, testing, and commissioning procedures.					
CO3	Make use of specifications of electrical plants and classification of safety equipment forvarious hazardous locations.					
CO4	Distinguish various fire extinguishers and their classification.					

	Syllabus	
Unit No.	Conten ts	Hour s
1	Introduction To Electrical Safety, Shocks And Their Prevention: Term and definitions, objectives of safety and security measures, Hazards associated with electric current and voltage, who is exposed, principles of electrical safety, Approach to prevent Accidents, the scope of subject electrical safety. Primary and secondary electrical shocks, possibilities of getting an electrical shock and its severity, medical analysis of electric shocks and its effects, shocks due to flash/ Spark over's, prevention of shocks, safety precautions against contact shocks, flash shocks, burns, residential buildings, and shop.	6

2	Overview of the Safety Model: Wiring and fitting, Domestic appliances, water tap giving a shock, shock from the wet wall, fan firing shock, multi-storied building, Temporary installations, Agricultural pump installation, Do's and Don'ts for safety in the use of domestic electrical appliances.	6
3	Electrical Hazards recognizing and Evaluating Preliminary preparations, safe sequence, the risk of plant and equipment, safety documentation, field quality, and safety, personal protective equipment, safety clearance notice, safety precautions, safeguards for operators, safety.	6
4	Controlling Hazards: Safe Work Environment: Hazardous zones, class 0, 1 and 2, spark, flashovers, and corona discharge and functional requirements, Specifications of electrical plants, equipment for hazardous	6



	locations, Classification of equipment enclosure for various hazardous gases and vapors, classification of equipment/enclosure for hazardous locations.	
5	Controlling Hazards: Safe Work Practices: Fundamentals of fire, initiation of fires, types; extinguishing techniques, prevention of fire, types of fire extinguishers, fire detection and alarm system; CO ₂ and Halogen gas schemes; foam schemes, Ladder safety fact sheet, Avoid wet working conditions and other dangers, Avoid overhead powerlines	6

	Learning Resources
	Learning Resources
Text	Books:
	1. Rao, S. and Saluja, H.L., "Electrical Safety, Fire Safety Engineering and Safety Management", Khanna Publishers, 1988.
Refe	erence Books:
	 Cooper. W.F, "Electrical safety Engineering", Newnes-Butterworth Company, 1978. John Codick, "Electrical safety handbook", McGraw Hill Inc., New Delhi, 2000. Nagrath, I.J., and Kothari, D.P., "Power System Engineering", Tata McGraw Hill,
	1998. 4 Wadhwa, C.L., "Electric Power Systems", New Age International, 2004.



SUBJECT: Electrical Sabily Tractices T.E. ELECTRICAL (2021-2022)

П	BJECT INCHARGE:	1	mili	1 /	24/2	Al3	2/3	8/3	19/3	P	C	T
1	Name	22/2	22/2	24/2	200 11.	-	2:30	3:50	1-30	0		
	Time	1:50	5.30		3/50	3:30		prefer	- 65	0	7	0
-	AHDE MAYERAJ PANDET SHAELA	Perpente	P. P. Path	Bonson	Balan	Popular Co	Che live	TJobs		-		
2	ALI SALMAN MARBOOB BATERHA		1				-		-			
1	AREKAN DEIGH PRASAD SPEHA							-				
	DAIT SAURABH MOHAN MANETA				100	-	- 20	MEB	MBB_	O	8	08
5	BALANE WUGALAH NUKESH BALA	M-66	MAB		MARCH	MAB		(PB		-0	7	0
6	BEATT CHARMY PINAKIN BELA	CPENas	Cherry	(Jeles	CHELEN	4			-	0	7	0
*	CHALTMAN ABHISHER JIVAN SNEHAL	Michan	NJCh-w	M-Church	ATCHON	ATCHOO	Alehru	M. J.Co.	1	-		\vdash
	CHALINAN HARSK SURYAKANT IRITS		15						-		1	
9	CHAVAN DIPEBHARUN ARUKADHA							0124	0.5	0	7	0.5
10	CEAYAN RUBAN VINOD YANTA	engla	A	PUCZ	075	200	100	100	Kr. I	-	1	
11	DALVI GAURAY GARRAT GEETA					-	-		-			
12	DANGODARA DRIARMESH JAGOEH BYEAT	7.00	Service					- VIII-20	C.M.	0	7	07
13	DARKE STOCKHOE NAVORCHOE	C-7907	Side	SINTER	+4	Comme	277	CHE	1 State	-	1	-
14	DISADADA MONAN BANDHU KAMU							A oben	a Joseph	-6	7	07
15	GAWAI BOHAN ANANO SHASHEFBARKA	Porevo	page	Rotor	poron	A	& excec	POPE	Behon	-0	1	-
16	CHARLET ARDIKYA PRABILAKAN SUNITA								-	0	8	0)
17	GBU PRAVEN RANGEST GAYATRI	CO	(30	GE	Gin	GIO.	CIL	Care	-00-		-	08
**	COUNTRY MANCH SELVAN ENLEDER		nicell	receive	Wieskin	n. buck	49 (98000	w Cook	WIRE	- 0	8	00
-	CULARS MANESK UTTAM BREIKA	1.0									-	0
17	CULAR AREDINASCRIME SITARAM	P8-6-	N.S.6	DEC	-0	PILE	A	A.E	AHC-	0	5	0,
28	GUPTA RANGE HAR WAR VIMLADEVI	1,00	17.	100		-	-			_		-
21	CUPTA SURAT CERNANIAL SANCERTA				- 27		- 001		25.4		-	0-1
22	HOLASTISHE AKASH ASHOK GALRI	Chesto	paters	pality	PER	photo	BKerp	49	Plees	-0	7	07
25		-	-							_	-	- /
24	DADICAL PRAKAS PRAKASH PRANALI	PPIMO	-A-	98-12-	A	PP.Towns	202	PPJON	61000	-0	6	06
25	DANGASI PRANAT PRAMODPRAKALI	CUE	FLE		CLIE	J.T.Ir	SILK	S.T.K	CUL	0	8	08
24	KORIE SUSHAMIALARADES	1		1	None and				- 0.6	_	-	0.7
27	KAP ANIUS BAMAKANT ANITA	MIENA	4.00	- A	HILLE	KITTEL	+ FORCE			_0	+	07
28	KATELA ANAND GANGARAM	Velous	YDE	V.Slock	YDA	1801	(Spetter	人的产品	(Seylin	0	8	0
29	KATKAR YASHOOREP SHRIKANT	chale	thode	Ehors	A	Charle	ther	they-	Khada	0	7	07
36	CHASE ATTIH ANTWARK ASSISTED	KINA	113		5							
31	KUDAL PRATHMESH GRANDRASHEDIAR	-				516.53		100	S 2015			
32	KUMBEAR PREMIHANDRA HIRALAL	Marthale	Lutherly	A	Makey.	hall the	Madeli	Frederic	destrok	- 0	7	07
33	LADRAYA KIRSHALI RAMESHKUMAR	CC	1134	-				4	300			
34	MACHER SERMARTH SERESH SURGIDEA	Charle	Advar	All week	Aunt	paugh	Munit	Almest	Advest	0	8	09
15	MALASSE ADWAIT HARSSICHANDRA	Po- II	Info 1	ne.	11.0							
16	MANARI SAGAR RAMISH RAMA											
17	MARCHANDE MILESH GAUTAM							8				
90	SHORE RESTRICT STREET SHOREN										-	1
19	HERADAM AFFAN ASLAM EHRAT			000-	0.00	Dec.	0.00	nnd	£86-	0	8	0
10	PARMAR RABUL BILIPENDRABINA	Peliser	PBfbm.	PREC	FRIER	F-E-Ferry	FRFton.	Jablast 2	-V-D1-re-		-	1
11	PASHTE ASMITA ASHIOK ASHIVUN					_				\vdash	-	+
0	PASSITE MITALI VASLIDEV VISIGARIA										-	-
0	PASHTE SEIAL SEBHASH SIEJBHANGI				- 11	0.14	m 1 at	0 101	0.14	-	100	1
-		Patel	BLET	LOTET	Port of	Long	Total	Lorge	Xaga1	U	8	0
4				1/2		-					-	-
5												
00	COMPANY BAJESH SANCEETA					3 5			100		1	1
17	PACIE DISANGING SUMIL SUCRETA	DIFOHI	Defeat	Direch	DIAMI	Direct	DIFFORM	DIFAH	DIANI	0	18	0,
	PASITE SEIAL SEINASI SELEHANGI PASE RGAR EBIT RITA PASE ROME CHANDRAKANT DEDYAN PASE BEAVIN MARTAND 19UPD PASE CHINNAY RAISSI SANGEETA	Patel-		Using W	DIAM			Postel		0	8	



49	PATE KOMAL SANDESH SWATE											
50	PATIL PRATIK VIDAY VINHAKBA					- 6		200	- X			
51	PATEL RINKAL KONDUKERIBE											12
52	PATRA BAJESH TRINATH DAMAYANTI								(= V			
53	PAWAR YASH SAYALARAM SNEHAL	8 10					30	1	1			
94.	PANTERS PRESANA PRANCO SHITAL	MOTELL	CP411E	CAMPS.	PATRICE.	A	Chicaler	blick-	What	-0	7	0
55	SANGRE NIKHIL SUDBUXAR SARITA				- 1	5						
56	SATAVI VOGESH SCRESH SCREKHA											
57	SAVARE VESTAL DILIPOTETA											
58	SIGNOC BOHAN GOPDATH GUETA											
59	SINGHKRITI NAKENDRA SUNLETA											
65	SONGH PRATEEK SUILISH INDU	SSDAD	PSAND	PIGE	9.516.7	P. Root	P.S.EW	A	4	0	6	06
61	SINGH BAHL AME AND	1		0.000			in Icelia	S. (1953)				1
62	SIRSAT NIBITA BALAWANT SUMTA	MINE	But	Marie	NAmer	Marie	rofter	NEED	La Chan	0	8	08
63	SONALKAR SIBUTIKA PANDURANG											_
64	SONAR LALIT PRAKASH REKNA		1									_
68	SURYVANSII YUURAR JAJVANT SUMON											
66	THAKARE PRASAD SUDHER SUPRIYA			-		5.5						_
47	TOKARE DIPESH RAJENDRA SUNITA											
68	VARTAK MINIR RASIV KENANGI											-
68	VERTWAKADNA AMITKONAN. SEBHASHCHANDRA											-
70	WAYARE ROUT FRADIP PRAGADI											
Г	NO OF STUDENTS PRESENT	20	20	22	20	21	23	22	21			

Sr 80	Date	TOPICS COVERED
1	22/2	Improbusion to elevaced sofely 6 elevaces
2	22/2	Hozard ancieted with autor 4 vellage
1	24/2	Primary & suon day elastical shocks
4	24/2-	madked andy so and effects
5	913	Shorts due to flash / parles
6	843	Prevention for shops & billdings
7	213	Eveniew of solety model
3	10/3	wring to domistic appliances



SUBJECT: Electrical facility precises

T.E. ELECTRICAL (2021-2022)

R.	Name	10/3	14	1 15 3	10/3	17-19	a late	3 21/3	22/3	P	C	
	Time	3:30	3:4	0 2131	0 3:3	0 2 3	0 2:30	513	2:50	-		T
1	ARRE MAYURAI PANDIT SRAILA	TUL		B PYL					1 Enfin	_	18	11
1	ALI SALMAN MAHBOOD RAIBSHA		11.32	1	1 1-4	1,2.5	1	124			1	T
3	AREKAR SHURH PRASAD SNEKA					1	1					1
	BAIT SAURABH MOHAN MAMTA							1		1	\mathbf{T}	$^{+}$
5	BULANEROGUAHMUKESHBALA	10.8.P	10.6	10.00	3 19.BB	086	MBB	MBB	MBB	8	8	1
6	BHATT CHARMY PRAKIN BILLA	The state of the s					1 00		FRAM	7	7	1
7	CHALTHAN ANNIHER AVAN SNERAL						WATON		Atchno	7	7	1
1	CHALTEAN BARSH SURTAKANT PRITE	2 10 41	li ve	11.0	111	Private	n is	1 25	100	+	+	+
9	CHAVAN DIDESH ARUN ANURADIRA						1	-				
	CHAVAN BOHAN VINOD VANITA	200	022	- 000	- A	phy	- 022	1	KLLO	7	6	11.
_	DALVI GALDAN GANPAT GEETA		1	1	1	100	1	1	100	1	-	1
	DANGODAKA DILAKMETH JAGOTSH BHAT		1		+	1						1
-	DARUE STOCKESH KANDKISHOK	GULLS.	CAN	Call	CW	GANZ	- 33/2	CHO	CHAPTE .	-7	8	15
14	DHIADAGA MOHAN BANDIBUKANU	300	1100	1	1/30	h	110	1	712	-	-	1
15	GAMAI ROHAN ANUND SHASHIMABILA	Coper	200	Pares	2 8	(da	6 gray	celon	Room	7	7	16
16	GHARAT AJINKYA PRABHAKAR SUNITA	12	1	120	1	1	-	1	1	-	1	+
17	GILL PRAVIN RANJET GAYATRI	GID	-(20	- Colin	-00	(ac	166	. 0	Δ.	8	6	11
18	GOUNDAR MANOESELVAM STARDITA	and the second		- Carro	Man Con	The second second	W. Tray	W. Crost	wire.	8	8	Ť
19	CUTARE MANESH LITTAM REKHA	1000	Try gar	11.02	Pilo	14:30	615	100	4.00	0	0	-
-	GULARI ADRENNASUNDAR SITARAM	220	PAL	~ C-E	- PRE-		0:30	P.95	ASS	6	7	13
-	GLPYA RAHLE HARDHAR VINLA DEVI	1	ne	1832	112	A	12.49	Fra	Capaci	0	7	1
-		-	-	-	1						-	
-	OUPTA SURAI EISHAMLAL SANGEETA	Certal D	n voge	- CVete	- ruotes	CAOLD	PLOT	nie sto	regio	7	8	15
-	HOLMUKEE AKASH ASHOK GAURI	Elsa	B	1	130	PE	1		12	-	0	13
-	ACHAY PRANAY PRAKASH PRANALI	P.P.0000	- 0	0000	o o duch	La str	pp-jord	On bu	an Hora	6	7	13
-	ANGAN PRANCY PRANCO PRANALI		_			_	SIK		T-L-IC	8	7	15
-	LAMBLE SIETBEAM LALASAHEB	SILK	A	A.L.	750	Del vic	37-	7.1	77.7	6	1	11.0
_	(AP ANUI RAMAKANT ANTA	MELLE	-1914	EL OTELE	N. of CU	V 677.7.5	HTELE	vertib	VIVE DE	7	8	10
-	ATELA ANAND GANGANAM			YStrates		A				-8	7	15
_	ATKAR VASHODELY SHUKANT	-	1	and the second	_	TO STATE OF			Youth	-	_	15
	DEADE ATISH AVINASH ASHNENE	t-tool-	Pro4-	Thosa	From-	Preses	Kraya	Fren	Freds	-7	8	15
_	UBAL PRATHMESH CHANDRASHEEHAR						_				-	
	IMBILAR PRENCHANDRA HERALAS	- n-t	0.1				1. 4.1		11 0.3	-	_	
	ADHAVA KHUSHALI RAMESHKUMAR	Freshan	Poster	France	A	Phother.	Proton	(Index	EMER	7	7	1,
	ACHORI SIDILARTH SURESH SUREKHA									_		
14	ALASHE ADWAIT HARISHCHANDRA	Advisor	Egran	Much	popular	phonel	Pillment	Pilmont	Must	8	8	1
	CHANI SAGAR RAMESH RAMA		2.00							-	100	
w	AICHANDE NEESH GAUTAM											
	RE RESTRIC SCHAS HORING			1								
	KADAM AFFAN ASLAM BHEAT	Land of			Union 1	Luca I	Manual III	200				
	IMAK RAHUE BHURONDRABHAI	P.B.Corre	A	PARTITE.	Phleno.	Fffers.	P.Ban	PRPS.	Chara	8	7	15
	SHITE ASSETA ASSECT ASSECTE				9	1					8 5	
	SHITE MITALI YASUDEY VISHAKIRA											\vdash
	SHITE SELAL SCREAMS SHUBBANG		J						2 3,7			\vdash
_	Address of the Control of the Contro	QJAL	क्राय-	Partel	A	Partel	Contai	Posts	Pulpt	8	+1	13
	THE REGAL KINET RITE	1204	123-7	Taran .		Texas	Land	Just	****	0	1	1.
	L ANKIT CHANGRAKANT DEUTAM					-						-
	E BHAYTH MARTAND TREPTI						-			_		-
_	L CHINMAY RAJESH SANCERTA	2 - 2 - 1		0.04710	0	0.00				_		_
PATI	E, DRIANESH SENEL SUCRETA	9.16041	对于中间	1724M	1. J. Park	MON	4	Dillon	DSPENII	8	7	115



41	PATE KOMAL SANDESH SWATS											- 1
50	PATEL FRATIK VENY VENGACIA											
51	PATE RINKAL KONDU KIRITEE			1								-
52	PATRA RAJESH TENATH DAMAYANTI											
53	PAWAR YASH SAVALARAM SNEHAL	1		1992		8						
54	RANTEKS FRERANA PRANCO SHETAL	EMPERE .	OPPOSER-	parts.	GAME"	WASHING.	ENAIL	prent	per	7	8	15
55.	SANESE MEHIL BUTHAKAK SARITA	100		4-73	100		27	1-1				
94	SATANI VOGESH SLIKESH SLIKEKHA											
57.	SAVARE VISUAL DILIP CEETA											
AR.	SHINDE ROBAN GOPINATH GEETA											
MI.	SINCE KRITE NAREHORA SUNETTA										3.	
64	TO OH PRATEEK SURESH ENDU	Pickiell	Prisi	7.5 Arg	P.J.5 -	PERM	中中世	4	A	6	6	12
61	SINGH RAPILL AVE. AVE.	35.00	1		1.852/150			(17.17)	100			
62	SIRSAE NIKITA BALAWANI SUNITA	Market	Mind	report	Phice	oporto	CAL	13000	4	- 8	8	16
63	NONALKAS SHIRLTIKA PANDURANG	-		-								
64	SONAN LALIT PRAKASH RINGIA.	(00)										
65	SURYVANSII TUSHAR JAJVANI SUMAN											
66	THAKARE WASAD SLOHIB SUPRIYA								3			
67	TOKAKE DIPESH RAJENDRA SUNITA							110				
61	VARTAK MIHER RAJIV HEMANGI							- 8				
68	VIDITA AKAKMA AMPIKUMAR SUBHASHKRANDRA			1547								
78	WAY ARE ROBIT PRADIP PRAGATI			-05/0		0.00	50-10-6		No.	3		
1	NO OF STUDENTS PRESENT	24	21	24	20	23	23	18	22			

Sr no	Date	TOPICS COVERED
1	10/3	water tak ledered current, wet would
1	14/3	Multi strained blodg provision dulique
3	15/3	Temporary installations
4	15/3	Agetween installations
5	1713	Dos & Don'to for sabily
4	1913	pretoning preparetts for Hazards
,	21/3	Edbe require for sole of plant.
8	2213	Sabily documentos

SUBJECT INCHARGE



SUBJECT: Electrical Partity Torontology, Virar
T.E. ELECTRICAL (2021-2022)

R.	Name	P201	12	24	11. 12	4/3	1,0	13	20	13	24	3	4/1	1 51	4	P	1	
No.	Time	_	30	-	-	4.7.0	-	3.0	-	30	in	50	3:9	0 11	20		Т	
t	AHRE NAYIRAI FANDIT SHALA		والمرح		रत व	1 100					100 miles	_	Λ	Print.	de-	15	7	. 2
1	ALI BADHAN MADROOR KARISHA	100	-	S. Ic	- P		ALC:	-	-		-	-	2-1		\neg			T
3	AREKAR SIKUM PRASAD SNIMA		_	-	-	_	-		-			-			\neg			
	EAST SACPLACH MODANIMANTA		_		-		+	-				_						
	SALAH RUGALAH MERUSH BALA	ME	a	(m6.)	100	8B_	-		re B	6	MA	a i	386	LIMB	0	16	7	12
	BHATT CHARMY RELA	Sauce	w.Hr	Section (Married Towns			000	neli.			Cloh-	The second second	Deha	_	_	14	8	2
7	CHARLITHEARL ADDRESSER TIVAN ENDIAL	0.03		MIC	_	22	p-10	4	P-3 2	2-	22-2	- 0	41			4	8	2
	CHARLINAN NARSH PURYAKANT PRITI	10.7	C-Salt-	page	- Ex	_	100		1		2.00	1	-	1	1			T
9	CHAVAN DIPESH AKUN ANURADHA	_			+	_		-	_	-	_	-		1	1			T
10	CHAYAN BORAN VINOD VANEA	(A.C)	ghres.	- SNO-	de Di	Cher or	ove	Wa.	posite	girls .	pyche	0	Nilvo	A	-	3	7	2
1	DALVI GAURAY GANPAT GEETA	1125		- 2010	100	-	Par.	7	Par-	7	F.L.	7	-	1			900	Т
2	DANGODARA DHARMESH JAGDESHDUAL	-		-	-			-	_	-		+			+	7		T
3	DARKE SEDUMENT NANDWISHOR	G/W	22	CH	2-105	Nin-	0		7346	AS C	: 3466	2 (1	Ur	-543E	21	5	7	12
	DHADAGA MOHAN BANDHU KAMU	21570		12200	780		-	-	11 contra	-	1000	170	- CAL-	32	1	4	-	1
5	GAWAI ROHAN ANAND SHASHPRABHA	20/00	9.2	Pokor	2 190	out.	Roby	m 15	Roha		Coner	, R	hem	Rohe	5 1	4	8	23
+		H.C.		-Chart	110		EQ.	-	-	the -	-	7		1	+	+	-	-
-	GHARAT AIINKYA PRABHAKAR SINITA GIRI PRAVIN RANGEIT GAYATII	COE		610	10	2	(DE	-	GE	-	Gin	10	10	170	1	4	8	2'
-			_		19	-	6	_	(100)		100	10	3	100	_		7	23
1	GOUNDAR MANOE SELVAM SHAKIHA	61/0	7	W(0)	inc	047	+	-	Mar	+		14:5		In	+	1	-	-
+	CUTARE MARRISH UTTAMIREDUA	50.9-	-	090	68		PER.	1	986	16	25	10	2-	A	13		7	2
+	GULAGI ABHENNASUNDAR SITAKAM	Gaz.	- 1	220	3400	=	1	+		- 10	-	1,570	-	77	+	+	T	-
+	GUPTA RAHUL HARBIAN YUMLA DEYF	+	+		-	-	_	+	_	+	_	1	-11		+	+		_
+	SUPTA SURAJ RISMANLAL SANGRETA	Par	* 6	kells	- loke	-	Yell	2 12	Kell !	alp	114	10	ELV.	Plants	+1	5	8	23
+	FOLMUNDE ANASH ASHON CAUNS	Block	-	NEA-	120	- 13	3300	15	2000	110	7300	112		1	+	4	9	20
+	ACHAY PRANAY PRAKASI PRAKALI	60 T	- 2	O Took	207	-	201	v+ 9	P.T	10	02.00	PP	Turbork.	Francis	113	+	3	21
+	ANGAM PRANAV PRAMOD PRAMALI	CLI		1.15			CIE	_	15	_	CE	_	*	CILIS	115		8	23
+	AMILE SECTION LALASONS	1	-13		1	-	,,,,,	13	15	13	-	7.7	7-	2.00	113	+	9	20
٠	AP ANUI BAMAKAHT ARITA	MESTER	104		YETE	Ser.	erfE1	201/4	MED	vs	TEIN	VINI	E ID	MEDIE	15	-	-	22
+	ATELA ANANO GANGARAM	V31-H	2	Shirt	YQ.		100				Sel-			YSKAL	15	18		25
-	ATKAN YASHEDEEP SHRIBANT	Sabud S		Here.	Live	1.4	had.	1.00	hat	-		Tib.		k-f-od-	15		_	_
-	HADE ATTEM AVENASH ASSAMEN	214.4144	+	- III	- Care	-10	70-1	+2	J-W-1	1	44.7	-52.5		-1-300	-13	+		23
-	BAL PRATIMENT CHANGRASHERSON		+	- 100		-	-	+	-	-	-		-		-	+	+	_
	DUDING PREMICHANDRA HEALAL	1.470	Live a	4	Ludi	4.	0	111	dal:	3.1	deli	Vend	Lat de	dadish.	14	-	+	
_	ADMAYA KHUSHALI RAMESIROMAN	the state	10		The same	-	et.	Kh	-	10	4	Page 1	7	il and	199	1 1	-	21
_	CON SIDILARTH SURESHS GREENA	QU-Cul	4 0	300	04110	40	10-14	-	ta al-A		0.16	-	-	n in II		-	+	
-	LASHE ADWALT HARISHCHANDRA	AHAMON	20	14-Plan	HS4 FIG	-PA	1 Prostly	rim	Carefu	-AH	PENE	4	- 1	PH-190-Adv	116	7	-	21
_	NAN) SAGAR RAMESH RAHA		-	-		-		-	_	-	_	_	-			-	1	
-	ACHANDE MILESIN GALITAM		-	-		+	_	-	_	_	-	_	-			\vdash	4	
_	LE HOUTHER SURAS MORENE	_	-	-		+	_		_	_	-		-	-			1	
4LIX	CADAM AIFAN ASLAH ISIRAT	m. II.O.	2016	-	000	100		2.15		204								
_	HARRANCE BILPENDRASHAI	PBFrom	CISTS	MINO.	CE Part	-168	Dir	Pal	\$7m	6 P	pro	· Or	M F	Elbert	12	8	2	3
_	HITE ASSETA ASSICK ASSISTED			_		-		-						8				
rA9	HTE WITALI VASCIDEY YERAKKA					1				-					- 2		T	
AS	RITE SEJAL SUBMASH SHUBHANGI		_	12.		-												
TE	L DUAN KIRIT RITA	ह्यान्य	Pen	181 1	Polel	UR	He	Pac	14	Pa	14	Red	617	Partel	15	8	12	3
TIL	ANKIT CHANDRAKANT DEGTANI		171		and the same											Ť	+	-
TIL	BULAYIN MARTAND TRUPTI																+	\neg
***	CHINMAY RUESH SANGRETA		7										-	_	_	_	+	-



. 1	PATEL ROMAL SANDESH SWATT										-	-
-	PATIL PRATIK YDAY YISHAKHA										_	-
-	PATIL RINGAL BONDU KIRTEE										_	
-	PATRA RAJESH TRINATH DAMAYANTI								-	_	_	-
0	PAWAR YATH SAVALARAM SNIHAL					-			77230.00	100	-	0.7
	RAMTERE PREBANA PRAVIOU SHITAL	DUNITER	CHITE	CHUKEKO	CANTER	CHALLA	PAMPA	FPM1-	Mon	15	8	23
18	SANKIR SIKHIL SUDHAKAR SARITA	- Prince				New York				_		-
56	SATAYI YOCESH SURESH SUREKKA									_	_	-
87	SAVARE VISHAL DELP CITETA						4			-		╀
58	GENDE ROHAN-GOPINATH GEITA								_	_	_	-
19	SONOH KRITI NARENDRA SUNSETA		10								-	13
60	SINGK PRATEER SCHESHENDU	P.Stanto	PORT	PSSIM	P.C.Brail	PSBro	A	Parot	4	12	6	18
41	(ONCH RAUGE AND AND)								- 600	17	-1	2
62	HIRSAT NIKITA BALAWANT SENITA	NAME	L. Mar	うるう	A	10 Proce	lo boy	10000	Libra	-16	1	4
63	SONALKAR SIRGITIKA PANDURANG									-	-	-
14								10 111		\vdash	-	+
65	The second second									-	-	-
-	THAKARE PRASAD PLDICK SUPRIVA						-		-	-	-	-
67	TOKAKE DIPEDH BAIENDRA SENTA									-	-	+
68	VARTAK MEHIR BATV HEMANGI							-		-	\vdash	+
63	VISHWALARDIA AMERICANA SUBHASHCHANDRA						-	1		-		+
TR	The second secon					1	-	40	21	-	-	+
	NO OF STUDENTS PRESENT	24	2.3	24	22	23	23	22	61	_		_

Se no	Date	TOPICS COVERED
1	00/3	Bobily poceacetions
2	2413	satignouble for operation solving
3	2413	Hazaldous somes class.
4	24/3	comma discharge and flosheres
5	2913	Sperficolor of electrical glant
6	24/3	Equipment for hazardons locations
7	414	classificatelo of equipment unlonnes
8	574	Hazalder locations search tocatment

SUBJECT INCHARGE



SUBJECT: Electrical Sabety Processor T.E. ELECTRICAL (2021-2022)

IL. No.	Name	514	with	ार्गप	12/9	1514	19/4	P	C	T
-	Time	5:35	3130	1:30	3.30	3150	1,150			_
1	AVITRE MAYORAL PAKORT SHAELA	MP POP	- nerm	maphin	4 0	mere is a	Waterie	22	5	2-
2	ALI SALMAN MARIBOON KAZESHA		1		1					_
3	ATLEKAR SPECIES PRASAD SNEHA									
+	BATT SALTABIH MICHAN MAMTA					8				-
5	RALAMERUGA AH MUKESH BALA	12.86	1366	10.88	MAR	17.60	19.6.6	2.3	6	25
6	EMATT CHARMY PINAKIN BELA		CPBL				CPR-	22	6	28
7	CHALDHARI ABRISHEX ITVAN SKEHAL	p.Jdev	050-	Moder	A	Madre	Pich	22	5	27
8	CHAUHAN HARSH SURYAKANT PRITE		1		11.115					
9	CHAYAN BIPESH ARLIN ANURADHA									
10	CHAYAN ROHAN VEVOD YANTTA	euch-	- 122-1	ever	+ 4	puly	p/vi	20	5	25
п	DALM GAURAY GANPAT GEETA		1							
12	DANGODARA DKARMESHJAGDESKIRKI	- 00		100	CONST	100005				
13	DANE SIDDHESH NANDKSHOR	SILLE	Collect	all a	(1997)	UTIL	CT	122	6	28
14	DHADAGA MOKAN BANDKU KAMU	1		1000	Second .	The IS				
15	GAWAL BORIAN ANANO SHASHIMARIKA	Quelor)	- Color	A	(Lebes	politica	69.00	22	5	27
16	CHARAT ARNKYA PRABHAKAR SUNTA	1	1			1000		1		
17	CIBLI PRAYEN RANGEET GAYATRI	GIT	- GVC	A	GO_	GO-	Gia	22	5	27
18	COUNTIAR MANOE SELVAN SHARDRA	A GOLD	M. Count	west	0.6000	er Comme	960	23	6	29
19	CUTAKE MAHESH UTTAM BEKKA	1								
20	CUTALL ABHINNASUNDAR SITARAM	0.00	PRIL	DEL	ASE	Dal	ACC	20	6	26
21	GUPTA RAHUL HARBIAR VINLA DEVI		1	-			2000	8 3		
22	OLPTA SURAI KISHANLAL SANCERTA		0 000		er Laurens	Secretary.				
13	HOLMUNDE AKASH ASHOK GAUNI	profit	atolla	A.	Drug	prots	0352	23	5	28
24	IATHAY PRANAY PRAKASH PRANALI									
25	MANGAM PRANAY PRIMOD PRANALI	20309	· A	Pri Joseph	A	Phyloge	Peterra	21	4	25
24	CANGLE SECTION LALASANSI	SLIC	CUL	CLIK	City	CUE	CLIC	23	6	29
27	EAP AND BANKAKANT ANITA				2/42	-		1 3 3		
18	EATELA ANAND GANGARAM	METELA	rossula	KATELE	tatela	ENTER	- A	22	5	27
29	KATKAR YASHOMED SHRIKANT	Votal	yoker	(5/2)	とける	A	VENT	23	5	28
-	KHADE ATTRE AVIKARE ASSIVEN		there		Durde	Hede	4044	23	6	23
_	CURAL PRATIDMENT CHANGEASTERNAR						He and			
-	COMMAN PREMITANORA HERALAL			VI.						
_	LADRAYA GICIROLIRAMESTRUMAN	Lhudrali.	0	Langer	high	before	1-1-1-1	21	5	26
-	NACISE SERVARTH SUREMI SUREDUM									
_	OU ARE ADWAIT HAVENOUNDRA	Almer	Blood	pdoor	Mou	Nu	Nuer	2.1	6	27
-	DOWN SAGAR RAMESH RAME.									
+	MACHINE WILESH GAUTAM									
+	IONE INSTRUK SERIAS HOREN									
+	EKADAM AYAN ASLAM EDIKAT									
+	AUMAN RAIRE BYLDSVERABIA	RAIS-IT Y	CARNEL	AF- 0	Ages	100 11- 9	404	23	6	29
+		Page 1	1	1	-	1				-
+	PASICTE ABMITA ASSIST ASSISTM	-								
+	ASHTE METALI VASCDEV MEHAKHA		-			-				
+-	ASSETS SEAL BUSINESS SPECIMANGS	1234	Portel	2 101 4	of al	4 8	ole	0.7	e	20
		Popul	Kench	CJXA	03	71	045	23	5	28
-	TIL ANKIT CHANDRAKANT DEGYANI					_		\rightarrow	_	
	TE, BHAVEN MARTAND TRUPTI		-	-					_	_
-	TIL CHEMMAT RAJESH SANGEETA	200	-			-				
PA	TIL DHANESH SUNIL SUCHEA	Drpakil	ortaki (19-41 D	18-81	A b	JA.AI	2.2	5	27



#	TATE DIANESS SONE SUCSITA	1					1 1	1	1	1	1
9	/ JATEL KOMAL SANDREH SWATT									-	1
91	TATIL MATER VOICE VENARIA							1	_	\vdash	+
52	CATILIENKAL KONDUKERTEE										-
63	INTRA RAZERII TRESINTH DAMANIANTI							+		-	+
54	10WER YASH SAMEARAN INTIME			12.1		1			1		
55	/ RAMPERS INCRAFA IRAMOD SHEAL	Courter	ENGLES	Chiange	STARFE C	that I	DUNK A	+	23	G	2'
56	BANKER HIGHE PURHAKAR SARITA				-	-		1	1	-	1
57	NATANT YOGESH HUREIR SUMERIA					0			1		-
58	SANARE VISUAL DILITORETA							1	+		-
59	SHENDE KORAN GOMPATH GESTA					7			_		\vdash
60	/SONCH KRITE NAKENDRA SENEETA								_		\vdash
er.	SINGH HAZERS KIRESH NOU	PCSicul	Produ	PS企业	5 625-4	0.22 V	4		18	5	23
a	SONGH RANGE AND AND	-		-	120	1 - 1	1		1.0	-	-
43	FIRESAT NIGITA BALAWANT SUNITA	NBYLL	College	lother	NA	Maria	ptric		23	6	25
14	(SONALKAR SHOUTINA LANDURANG					12			120	-	-
15	SCHAR LAUT BRAKABITETKIRA										
14	NUMBER TORONS ANNANT SUMON						31				
67	THAKARE BASAD SUBBR SUBBYA					P. V					
+5	TOKARE DRESHRAJENDRA SUMTA					0 8					
69	TARTAK MITIR KATYIHMINGI										
70	STEINASARMA AMTRUMAR SUTHASHOLANDRA										
TI	NAVARE ROHET IRADII IRAGATI		-1			. 10					
-	NO OF STUDENTS LRESENT	24	22	21	20	21	22				

Ser an	Date	TOHC
1	54	Fundamental of fire
2	11/4	The Katolin of fires and types
3	124	Companing telliques
4	1214	protection of fire types of which
5	1814	dituken & alder cystens
6	19/4	ladder sebety fact they
7		· · · · · · · · · · · · · · · · · · ·
8		71.

SUBJECT INCHARGE



VIVA INSTITUTE OF TECHNOLOGY

(Affiliated to University of Mumbai; Approved by AICTE & DTE)

Veer Savarkar Marg, Shirgaon, Virar 401303

Department of Electrical Engineering

CERTIFICATE

This is to certify that,
Mr./Ms. Gujari Abhinnasundar Sitaram
of TE Electrical
has successfully completed value added course on
"ELECTRICAL SAFETY PRACTICES"

organized by

Department of Electrical Engineering

for A.Y. 2021-22 from 22 FEB 2022 to 19 April 2022.

Prof. Mukesh Mishra

Course Coordinator

Been

Prof. Bhushan Save

Head of Department





Late Shri Vishnu Waman Thakur Charitable Trust's VIVA INSTITUTE OF TECHNOLOGY Shirgaon, Virar (E), Tal: Vasai, Dist: Palghar – 401 305. CIVIL ENGG. DEPARTMENT



SEMESTER VIII

Course Name: Microsoft Project Manager Academic Year: 21 - 22 Resource person: Mrs. Monica More

Conducted as per time table for the respective subject Hours: 30

Objectives:

- 1. Plan for a project in detail
- 2. To use templates which creates projects in project 2017
- 3. To create, manage, schedule and track all the imputed resources
- 4. To create, manage, assign and track tasks of all inputted resources
- 5. To work with deadline and constraints
- 6. To use dependencies to help schedule tasks
- 7. To run reports.

Course Outcomes

At the end of the course, learners will be able to understand:

- 1. The functions involved in software related to civil engineering projects.
- 2. How to prioritize tasks, define expectations and prepare schedule.
- 3. Will know tracking and managing resources throughout the project.
- 4. To create and tracking budgets and sharing calendars with the team.
- 5. Learn about risk management involved in project management.





Late Shri Vishnu Waman Thakur Charitable Trust's VIVA INSTITUTE OF TECHNOLOGY Shirgaon, Virar (E), Tal: Vasai, Dist: Palghar – 401 305. CIVIL ENGG. DEPARTMENT



Detailed Syllabus

Chapter 1: An Introduction to Project Management......03hours

Recognize when to use project management, role as a project manager is to deliver a project, communications, influence, and careful use of authority all play a major factor in the support you receive to complete the project, Project managers frequently find themselves with the challenge of adding new scope to a project with an already tight timeline. Typically, the job of the project manager is to work with their team to determine what this new scope will mean and how it will affect the project, building and tracking project schedules.

Chapter 2: The Microsoft Project User Interface......05 hours

To recognize best practices when running ms project for the first time, microsoft project user interface, the ribbon area icons, tabs, and access to the backstage, microsoft project scheduling engine, preparing a new project, estimating the project, ribbon actions (icons) you may need to perform within microsoft project, backstage is a full-screen area that allows you to open, save, share, and print your project, using views and tables

Chapter 3: The Microsoft Project Scheduling Engine......06 hours

constraint based scheduling, calculates dates for you based on constraints you place on tasks and resources, critical path and user-controlled scheduling, user-controlled scheduling can effectively break the ability to identify the critical path because durations, start dates, and finish dates are not required when using this feature, configure project options, microsoft project offers many options for you to configure the user interface, scheduling engine, and task tracking for your project most of these options are located in the backstage using the options menu item.

Chapter 4: Preparing a New Project......6 hours

Create a new project before you create a new project, make sure you have all the project options configured as you want them unless you have a unique reason to do otherwise, it is



VIVA INSTITUTE OF TECHNOLOGY Shirgaon, Virar (E), Tal: Vasai, Dist: Palghar – 401 305. CIVIL ENGG. DEPARTMENT



a good practice to start with a blank project configure a project calendar learn the differences between the Microsoft project calendars and when to use them.

Add tasks to the project, add durations to each task, add predecessors to each task to link tasks together, create the critical path, add resources to the project, create resource assignments, build a work breakdown structure, add costs to the project, add milestones to the project, add lag and review the critical path, adjust resource allocations.

To create a baseline baselines, custom views and fields project reporting task status updates updating task status from your team and update the project progress. resource assignment status updates .

Chapter 7: Custom Views and Fields......3 hours

To create custom views and tables views, create custom fields microsoft project, create graphical indicators when you create a custom field, further enhance it to use graphical indicators, these indicators allow you to display things like red, yellow, and green flag

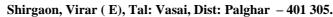
Chapter 8: Project Reporting......2 hours

working with the timeline, multiple timelines in project 2016, 2019 and online, working with the reporting module, about agile projects, using the task board, using sprints, using project online desktop, tips and tricks conclusion go to goskills.com using boards and the gantt chart, sharing boards





VIVA INSTITUTE OF TECHNOLOGY Shirgaon, Virar (E), Tal: Vasai, Dist: Palghar – 401 305.





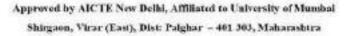


	0	Late Shri.	Vishnu W	aman Thi	kar Char	itable Tr	TEL S		523	*****	1022		
					Technolog	2			Dat	te- 10/01/0	MIT	00	
	TE	DIV A CIV	SHIRGA TI SEM S	ON, VIR	AR(E)	APRIM/	VERA		352	14	2021-	11	
d: 10/0	11/2022 , ATTE	VDANCE S	HEFT 20	11.71	Jan	SHE	Of tare		1	112	. 1_		_
AME (OF THE FACULTY: LISSU JOS		1		BJECT:	20	5 0	ach H21	012	18/3	25 3	-	_
ROLL NO.	NAME OF THE STUDENTY DATE	181	191	201	2	52	612	14121	-	-	AA	-	
1	GEDIYA AASHISH CHANDRAKANT	64.	804	Λ	BA	1	-	49	41	A	A		
2	GHARAT SACHIN NARAYAN	anhi	Swir	A		Selv	Sadii	1	-	coder	N		
3	GHATGE TWINKLE BALASAHEB	A	A	Ciri.	Tw.	Tw.	16	Tr	7	W.	A		
4	GOHIL MONISHA SURESH	Phy	hi	A	A	R	(N.	4	M	6	1		
5	GOVARI AKASH LAXMAN	100	(00)	A	3	4	A	3	2	5.	OU.		
6	GUPTA GAURAV LALII	Town	وليان	A	000)	M	W)	37/		sali	Α		
7	GURAV SAHIL ARUN	TA	goli	sall	Salv	0	Sdo	still!	- A	9	3		
8	HADAL MANOJ KAKADYA	A	X1.		1	12.	1	A I	2/	Ser	sai.		
9	HATAKAR SUYASHJAYSING	A	Gu	ger-	Su	A	94	92-	70	75	37		
10	HIRPARA JAYDEEP JAYSUKHBHAI	Ti	P.	A	II.	J.	17.	Nited-	n.h-d	Wiles	vitel		
11	ILHE NITESH SUBHASH	Wited	Milal	Nite 9	A	Nied	A.T.	Dig.	0.1	774	Der.		
12	INDALKAR DISHA DATTA	Distx	17 man	m)rol4	AC	1711/	10	SY	W	A	٨		100
13	JADHAV NAYANKUMAR VUAYKUMAR	g.	(ok	0	A	8	Bur	mor	N	Parcy	A		
14	JADHAY PARAG ANJAY ANUPRIYA	1	7007	(2)	160	A	TW!	16	0	NP	A		
15	JADHAY PRASANJEET FRAKASH	1	A	Mar.	100	MA	0	4	12	434	100		
16	JAGTAP AJAY HARIDAS	A	A	104	1	60	1	0	MON	D	N/		
17	JAGTAP DEVANG SANDEEP	A	0	0	M	0	10	0	BI	1	A		
18	JAISWAL PRAJWAL RAJESH	A	1	1	颇	M	ZWA	^	3/19	A	8000		
19	IAMSANDEKAR SAIRAJ SHIVDATTA	A	De la	1	10m2	10	(Jaco)	0	1000	A	W		
20	KADAM MAKARAND VUAY SITARAM	000	CON N	A	Main	7 1	DON	(Jany	//	A	Clark		1
21	KADAM OMKAR SUDHAKAR	1	OP'K	1	-	1	UNDIN	107	1	1	A		+
22	KADAM SHUBHAM SANIAY	A	Min	1000		1	6	LABOY	A	M	1		-
23	KAJAVE ANKET CHANDRAKANT		11	1/1	M	hip	1	100	4	(A)	-		+
24	RALMETAR MANISH LILADHAR	1	mb	A	MR	MR	I. II.	Mr	111	0	1		_





VIVA INSTITUTE OF TECHNOLOGY





Certificate of Participation

This is to certify that Dr. / Mr. / Ms. GEDIVA AASHISH has attended software course on "MSP & PRIMAVERA" organized by Civil Engineering Department from 18th January to 25th March 2022 at VIVA Institute of Technology, Shirgaon, Mumbai.

(Prof. Monica More)

Co-ordinator

(Prof. Lissy Jose)

Head of Civil Engg Department

(Dr. Arun Kumar)

Principal





VIVA INSTITUTE OF TECHNOLOGY

Shirgaon, Virar (E), Tal: Vasai, Dist: Palghar - 401 305.



Name of the Course: Advanced concrete technology

AY: 2021-22

Course Duration: 30 hr

STTP Programme Schedule

	D-4:		Name of Caralana	T•
	Date	Time	Name of Speakers	Topics
		9 am-12pm	Session 1: Prof. Mayur Patel	
Day 1	4/07/2022			Different types of
Duy 1	-	1.00 -4.00 pm	Session 2: Prof. Mayur Patel	admixture & their
		1.00 1.00 pm	session 2. 1101. Mayar 1 ator	uses.
		9 am-12pm	Session 1: Prof Monica More	High Grade
	5/07/2022			concrete with four
Day 2				blended
				cementitious
				Materials
		1.00 -4.00 pm	Session 2: Prof. Akshay Mistry	Importance of CTM
				inRMC industry
		9 am-12pm	Session 1: Prof. Ashish Shetty	Test on fly ash
	6/07/2022	1.00 -4.00 pm	Session 2: Prof. Ashish Shetty	Effect of fineness of
Day 3		-		flyash obtained by
				wet sieving method
				on the
				properties of cement
_	7/07/2022	9 am-12pm	Session 1: Prof. Monica More	
Day 4		1.00 (.00		Special concrete
		1.00 -4.00 pm	Session 2: Prof. Monica More	
Day 5	08/07/2022	9 am-12pm	Session: Prof. Yadnesh Patil	Advanced
Day 5	00/07/2022	1.00 -4.00 pm		casting
				methods





VIVA INSTITUTE OF TECHNOLOGY

Shirgaon, Virar (E), Tal: Vasai, Dist: Palghar - 401 305.

CIVIL ENGG. DEPARTMENT



Course Objectives:

- 1. To understand the knowledge of concrete admixtures
- 2. To learn about various methods & design high grade concrete
- 3. To learn how CTM can be important in RMC plant
- 4. To learn effective is fly ash in concrete
- 5. To understand advance concrete techniques can be used

Course outcomes:

- 1. Students will be able to understand how admixtures are important
- 2. Students will be able to understand various design of high gradeconcrete
- 3. Students will be able to understand CTM importance
- 4. Students will be able know effective use of fly ash in concrete
- 5. Students will be able to analyze advance concrete techniques





VIVA INSTITUTE OF TECHNOLOGY

Shirgaon, Virar (E), Tal: Vasai, Dist: Palghar - 401 305.





CO PO MAPPING

					P	rogran	1 Outco	omes					
СО	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	CO target
C01	2												2
CO2		1			1								2
CO3		2				1							1.5
C04		2		1		1							2
CO5		2		1									1.5
	2	2		1.5	2						1		





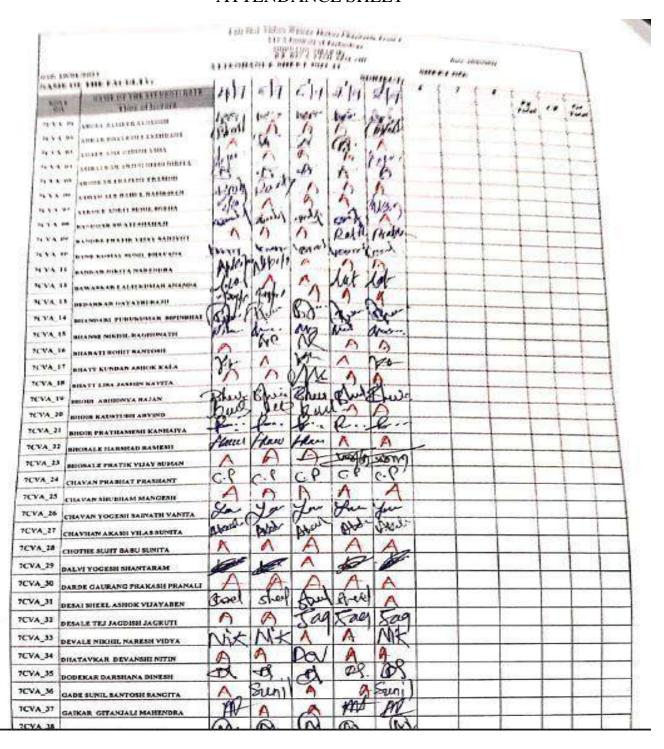
VIVA INSTITUTE OF TECHNOLOGY

Shirgaon, Virar (E), Tal: Vasai, Dist: Palghar - 401 305.

CIVIL ENGG. DEPARTMENT



ATTENDANCE SHEET





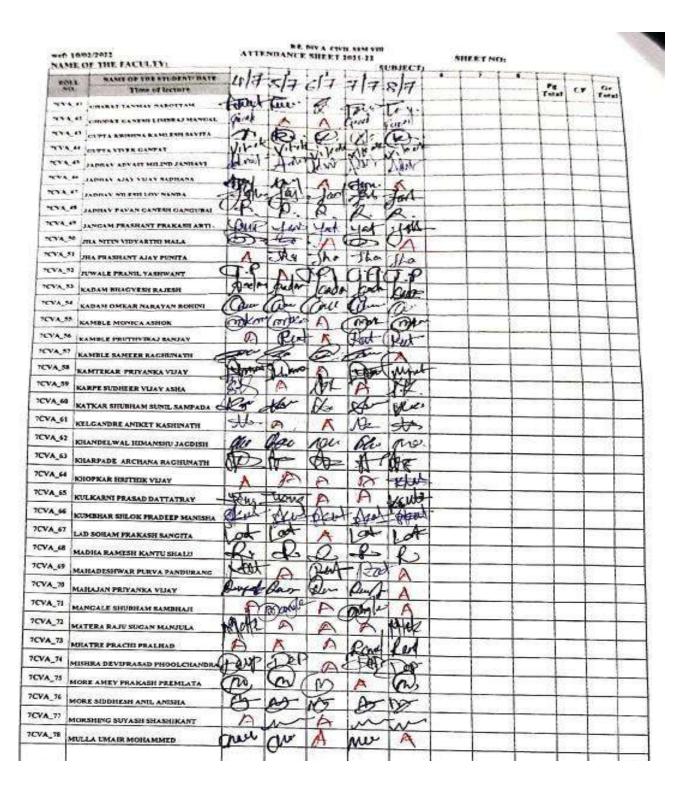


VIVA INSTITUTE OF TECHNOLOGY

Shirgaon, Virar (E), Tal: Vasai, Dist: Palghar - 401 305.









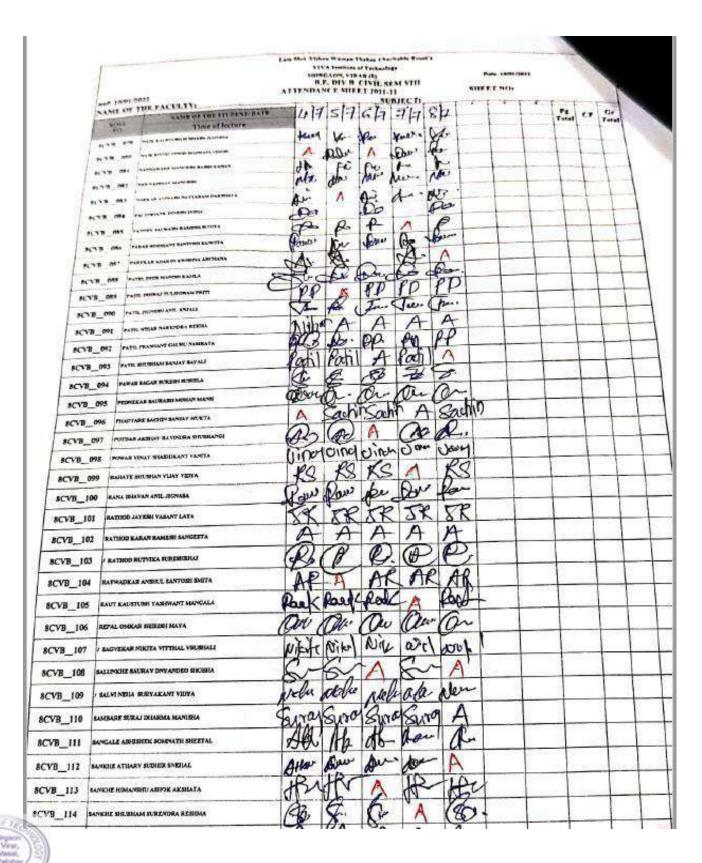


VIVA INSTITUTE OF TECHNOLOGY

Shirgaon, Virar (E), Tal: Vasai, Dist: Palghar - 401 305.









VIVA INSTITUTE OF TECHNOLOGY

Shirgaon, Virar (E), Tal: Vasai, Dist: Palghar - 401 305.

CIVIL ENGG. DEPARTMENT





Vishnu Waman Thakur Charitable Trust's

VIVA INSTITUTE OF TECHNOLOGY

Approved by AICTE New Delhi, Affiliated to University of Mumbai <u>Shirgaon</u>, Virar (East), <u>Dist</u>: <u>Palghar</u> 401 303, Maharashtra



Certificate of Participation

This is to certify that Dr. / Mr. / Ms. More Siddhesh has attended one week course on "Advanced Concrete Technology" organized by Civil Engineering Department from 4th July 2022 to 8th July 2022 at VIVA Institute of Technology, Shirgaon, Mumbai.

(Prof. Ramya Raju)

Co-ordinator

(Prof. Lissy Jose)

Head of Civil Engg Department

(Dr. Arun Kumar)

Principal





Vishnu Waman Thakur Charitable Trust's VIVA Institute of Technology

Approved By AICTE, New Delhi, DTE, Govt. of Maharashtra Affiliated to the University of Mumbai Shirgaon, Virar(E.), Dist: Palghar- 401305, Maharashtra

A.Y. 2020-21





VIVA Institute of Technology



Shirgaon, Virar (East), Dist: Palghar-401305, Maharashtra Website: www.viva-technology.org

Department of Electronics and Telecommunication Engineering

Name of Course:

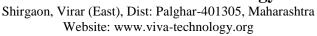
Learning Programming Using Python Duration: 30 hours

Day	Contents	Hrs.
1	Introduction to Programming	6
2	Implementation of Python- Part 1	6
3	Implementation of Python- Part 2	6
4	Project Implementation	6
5	Tech-ference	6





VIVA Institute of Technology





Department of Electronics and Telecommunication Engineering

Report

Duration: August 31st-September 4th, 2020

Venue: Online.

Electronics & Telecommunication Engineering Department of VIVA Institute of Technology organized a 30 hours' certificate course on "Learning Programming Using Python" in Asso ciation with "Misfit Learning" during August 31st-September 4th, 2020 in online mode.

This 5 days workshop was basically aimed to provide basic knowledge of python to EXTC st udents which was conducted by various speakers who guided the participants. Total 74 studen ts registered for this course. Out of these, 63 students were from Third year EXTC and 11 students from Second Year EXTC. Total 52 students completed the course successfully.

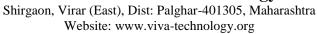
Students received valuable inputs from the resource persons from the industry.

The event was a success with very positive feedback from the participants. In the speech give n by **Mrs. Archana Ingle**, H.O.D of EXTC, students gained an idea of how this workshop c an be utilized to take creative projects in the field of software.





VIVA Institute of Technology





Department of Electronics and Telecommunication Engineering

Course Objectives

- Build basic programs using fundamental programming constructs like variables, conditional logic, looping, and functions.
- Work with user input to create fun and interactive programs.
- Create simple projects

Course Outcomes:

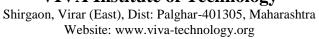
When students complete this 5 day course, they will be able to:

- ➤ Build basic programs using fundamental programming constructs like variables, conditional logic, looping, and functions.
- ➤ Work with user input to create fun and interactive programs.
- Create simple projects





VIVA Institute of Technology





Department of Electronics and Telecommunication Engineering

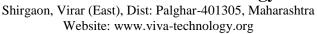
CO-PO MAPPING

Course]	Program	o Outco	me			
Outcome	PO 1	PO 2	PO 3	PO 4	P0 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	CO Target level
CO1	2	-	-	-	-	-	-	-	-	-	-	2
CO2	-	2	-	-	-	-	-	-	-	-	-	2
CO3	2	-	-	-	-	2	-	-	-	-	-	2
CO4	2	-	-	-	-	-	-	-	1	1	-	2
	2	2	-	-	2	2	-	-	-	-	-	





VIVA Institute of Technology





Department of Electronics and Telecommunication Engineering

Model Certificate







VIVA Institute of Technology



Shirgaon, Virar (East), Dist: Palghar-401305, Maharashtra Website: www.viva-technology.org

Department of Electronics and Telecommunication Engineering

Attendance Sheet:

Car Milain	Mr.	Car Piche	Admit State 1	Mari Sara	Peter Section 1	Albert State of	Season Library	Motion John	march little		path i Sulle	ment tale.	morph Table	Married States	Secretary States	_
No. Bergard College	Septement.	200							-				-			
Accepted Lighters and	Sanctiment person	100								-		-		-		
CONTRACTOR AND	Subsect Progray Game	TH		_	_	_		-	-	_	- 1	-	- 4	-	_	_
the contribution in	School Married	Air.											- 4			
COSOF Available on Management	Studied.	No.							4	1 1			- 3	- 4		
PROPERTY AND ADDRESS OF THE PARTY AND ADDRESS	Practice income	in.			_	_										
ACTORNOS MONTANAS	Trees now below to	THE .	_			_				-	_		- 14	-		
THE RESIDENCE	THE REAL PROPERTY.	Title .	-							-			- 04	- 4		
eatherest intended.	protection (material)	incount.								- 1			-	-		
Annual Military Com.	Restaur Sanse	im.	- 4		4						/ 4		1.3	- 4		
COSCO-Committee Inches designation and	Bud's tree brogonic	in.						100					- 1	- 4		
EDISTRUMENT CONTRACTOR	Pother Visitor	Tree .	-				-	100		-				- 4		1
Executive expenses in the con-	Bulleti Otes	Tital												- 7		
An All Thomas Special Street, vis.	Book Maps House	Track .								-				- 6		
Activities and a second second	Real Copper Colons	req.								-				- 4		
Accompany to a polyation of	Reference Sets from:	N											-			
Eliconomistica la trigan ex	month frame from	Yes								-				- 7		
recognised Shared arm	Please Today Telap	Vinc.							_				- 1	- 7		
	STATE MANAGEMENT	711	_		_	-			_	_	_				_	-
Victoria de la	Potency unt	770	_		-	-			-	_	_		-	_	_	-
The specific and security of the security of	SCHOOL GRANT	im.							1	_			-	- 7		
Owner and Columns and	tion petros	The Control				_							- 22	- 2	-	
					_	-		_	_	\rightarrow	_	_	-	_		_
SOURCE DESCRIPTION OF THE PERSON NAMED IN	Demokracement for	No.			-	-			-	_	_		-	_	_	-
COS COMMANDE STATE OF	Smart Seat	100	_		-	-			_	_				_	_	-
Viron printers and the con-	Pain Florid	-			-	_			1	-		-	- 1	_		
A PURPLE HOLD BY STATE OF THE PARTY OF THE P	Prost Totals	MITTER ST.			-	_			1	_		_	_	_	_	
AUX DESIGNATION OF THE PARTY OF	19.204	204			_			-	-	_			_	_	_	-
STOCKHOLINGSON MONTHS AND	Participation.	in.	_		_	-		-	-	-		-		_	_	
DECEMBER SECURITY FOR A STATE OF	QUALITY SHAPE HOLD	700			-				-	-		-		_		-
Altrenalisms on	hit me	Yes	_		-					- 1			- 1	_		-
EUC Statembrie beinerge im EUC Strandardjon betrong ing	Police (edited)	100				_				-			-			-
Employed Serving in	Market Ballie	Visit .								-			- 4			
ACCOMPANY AND RESIDENCE FOR	Switzk-total	309	-			_				_			- 3	_		-
A COST CHARGE OF THE PARTY OF	Front Tentane Faci	im:			_	_			_	_			- 4		_	
CONCRETE SERVICE PROPERTY FOR	Street bearing	Ver.			_	_			4 .	_			- 4	-	_	_
other methodological	Digitize Rici	Yes								- 1						
ACROCKUNGS markethology day.	THE SAME PROPERTY.	76								- 1						
Selection gas a developing	Television make	214								- 1						
print same and it arrive a	Bristol System British	T00 .								-				- 1		
NONE SHOW THE RESERVE THE PARTY OF THE PARTY	Earth San Comment	COL.		-						- 4			1.0	-		
Potosid Upprojitore:	Desilvance	Fee:						-		- 4			- 14	- 1		
EUROPA SERVICE TO THE PARTY	Stock fed Utens	No.							6							
CONTRACTOR STATE OF THE PARTY AND ADDRESS OF T	Heb/Sond/Diget	Yes .											- 3	- 7		
r/Mertawer-PASSER (cm	Printers Prebo Seleki	THE .								-			- 4			
Anthony and property and property.	Service Annual Prooffee	Time	-											-		
property (days) on	Prof. Seattle	179				_				-			-	-		
manufacture of the second second	Name and the second															
ETGRiesmobioli Aufordia va	COLUMN STREET,	in .	_	-	-	_		-	-	- 1		-	_	_	_	-
THE PARTY OF THE PARTY OF THE	ACCOUNT ASSESSMENT ASS				_	_			_				-		_	-
Maria da ret son	ed arts	in .			-			-						-		-
TO SHARE A SHARE SHEET S	MANAGEMENT .	100	-	-	-		_	_		- 1	_	-	- 1	_	_	-
Tribbina medicin ini reliquiri	Marine Mode	No.	_	_	_				-	-		_	_	_	_	-
DESCRIPTION OF PROPERTY AND PRO		Time .	_		_	_			- 2			-				
	Distriction .												-	-		-
protosessor entresp. (c)	Beric topical risk	No.	_		-	_		- 1	_			-		- 4		
protecting or inches and		No.			- 1					- 2			- 2	- 1		
erokranagoveniromy so strillment green beforeg og eren sentgreener	Reck Toback Tob Helds force Known ten	to.								- 1						
errokrategive errorg, so drilles ergive errorg og eran seriggestern T Skaltingere de rorg, og	Name Todayar Tolk Shakaranaa Shakaranatan mili uni Olekhaan	tu tu								1						
continues agree on the page of	Maria Tophast Holl (No. ata roppo) Anatogo tan anti canti tiwakaga Intari Sen, Imaga	Too. Too. Too.								- 1						
Professional Company of the Company	Maria Todinas NSS The distribution Science San Sistematic San Sistematic San Sistematic San Sistematic San Sistematic San	No.								1						
COATS INDEX SET STORY OF THE SET STORY OF THE SET SET SET SET SET SET SET SET SET SE	Ren's Tolk and Tolk This do 1900/ Anathype Syn Sold (College) Sold	Tipe Tipe Tipe Tipe Tipe								- 1						
TO A THE HIGH YEAR AND THE AND	Berlin Toda etc 1985 Berlin State Berlin Sta	No.								4						
CONTRACTOR CONTRACTOR OF THE C	Ren's Tolk and Tolk This do 1900/ Anathype Syn Sold (College) Sold	No.								A						
Continues of the part of the p	Record Today of Trible Tribulation (Control Accordance from Ac	No.							- 1	4						
CONTRACTOR OF THE REAL PROPERTY OF THE PROPERT	Name Trade and Trade Standard	No.												1		
The interpretation of the part	Name Trade and Trade Standard Standard Analysis for Analysis for Analysis for Analysis for Analysis for Analysis Analysi	No.												1		
The interpretation of the part	Sector State and State S															
TO A consideration of company of community of continuous and company of compa	Perce Tophana 1981 Targata sport Anatomica pa all Control Section Anatomica pa Anatomica Ana	100 100 20 20 20 20 20 20 20 20 20 20 20 20 2												1		
The Contemporaries Codings, SC 2010 International Code (Codings) (Code (Codings) (Code (Codings) (Code (Codings) (Co	Perce Tophana 1981 Targata sport Anatomica pa all Control Section Anatomica pa Anatomica Ana	100 100 20 20 20 20 20 20 20 20 20 20 20 20 2												1		
The Contemporaries Codings, SC 2010 International Code (Codings) (Code (Codings) (Code (Codings) (Code (Codings) (Co	Parent Tophana Top Tay dis SEND Martines from All cardiffications Total Confessions Total Confessions	100 100 20 20 20 20 20 20 20 20 20 20 20 20 2				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1								1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
The transport of the p. C. The transport of the transport of the p. C. The transport of the transport of the p. C. The transport of the transport of the p. C. The transport of the transport of the p. C. The transport of the transport of the p. C. The transport of the transport of the p. C. The transport of the transport of the p. C. The transport of the transport of the p. C. The transport of the transport of the p. C. The transport of the transport of the p. C. The transport of the transport of the p. C. The transport of the transport of the p. C. The transport of the transport of the p. C. The transport of the transport of the p. C. The transport of the transport of the transport of the p. C. The transport of t	Secret College	100 100 30 30 30 30 30 30 30 30 30 30 30 30 3												1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
TO CONTROL OF THE STATE OF THE	Parent Tolkhard TOR This dis SEND This dis S	No. 100 May 10												1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
The Control of the Co	Secret Voltage Voltage Secret Secret Voltage Secret V	TOTAL								1						
TO CONTRIGUENT OF THE ACT OF THE	Security Colonians Colonials Annual Colonials	No. 100 May 10							1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1						
The consequence of company of the consequence of th	Section Colonial Colo	Title							1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
TO A CHARGO PARTE AND A SO TO A CHARGO PARTE AND A	Security Colonians Colonials (Security Security								1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2						
The Contemporary C	Secret Volland Voll Secret State Market Stat	THE							1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1						
The American Control of State (Control of State	Security Colonials Colonia	The state of the s		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					1	2						
Control of the contro	Secret Vollence Volle			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1						
TO A CONTROL OF THE PROPERTY O	Security Colonials Colonia	The state of the s		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
CONTROLOGICA CONTR	Secret Voltage Voltage Secret							1		2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1						
TOTAL Intelligible and Chillips, SC 2015 (See along Special Sp	Security Colonials Colonia				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					
The Contemporary of States, SC 2017 (States and States	Secret Voltage Voltage Secret	STEP STEP STEP STEP STEP STEP STEP STEP						1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1							
CONTRACTORY CONTRACTORY OF THE C	Security Colonials Colonia	STEP STEP STEP STEP STEP STEP STEP STEP			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1						1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					
Control Contro	Seven Trolle and Total Seven Total and Seven As	STEP STEP STEP STEP STEP STEP STEP STEP		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
CONTROL CONTRO	Security Colonials Colonia	The state of the s														
CONTRACTORY CONTRACTORY OF THE C	Section 1 (1981) See also annoted (1981) See			1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0							1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					

Attendance - Sheet1.pdf





Vishnu Waman Thakur Charitable Trust's VIVA Institute of Technology

Approved By AICTE, New Delhi, DTE, Govt. of Maharashtra Affiliated to the University of Mumbai Shirgaon, Virar(E.), Dist: Palghar- 401305, Maharashtra

A.Y. 2019-2020





VIVA INSTITUTE OF TECHNOLOGY

Academic Year 2019 - 20

Course name: - Programming with JAVA Duration: - 24th Jun 2019 to 28th Jun 2019

Venue: - VIVA Institute of Technology Co-ordinator: - Prof. Akshata Raut

Enrolled students: - 22 Course Objective:-

- To understand the basic concepts and fundamentals of platform independent object oriented language.
- To demonstrate skills in writing programs using exception handling techniques and multithreading.
- To understand streams and efficient user interface design techniques.
- To write programs for solving real world problems using java collection framework.
- 5. To impart hands-on experience with java programming.

Course Outcomes: -

After successful completion of the course, the students are able to

- Use the syntax and semantics of java programming language and basic concepts of OOP.
- Develop reusable programs using the concepts of inheritance, polymorphism, interfaces and packages.
- Apply the concepts of Multithreading and Exception handling to develop efficient and error free codes.
- Able to write programs for solving real world problems using java collection frame work.

Course Schedule: -

Days	Morning Session (9 am to 12 pm)	Afternoon Session (1 pm to 4 pm)
1	Introduction to Java, Java buzzword, scope, and lifetime	Classes and Objects Inheritance Exercise
2	Interference, Packages	Exception Handling Exercise
3	Strings, and Library	Multithreading Exercise
4	Applets	Event Handling Exercise
5	Layout Manager	Quiz





Report:Computer enge. department of VIVA Institute of Technology conducted a course on Computer enge. "Programming with JAVA" for second and third year students. Total 22 students had been This course was conducted by Prof. Akshata Raut in order to provide basic enrolled for this course.

knowledge of JAVA programming. This was 30 hrs. certificate course. During the course students learned basic programming of JAVA. Also students learned all concepts of JAVA like interference, packages, applets and so on. Students practiced of all things concepts in the exercise session. All doubts and errors during programming were solved by the co ordinator.

Students enjoyed the course and completed it successfully.

CO-PO Map	1				Pro	gram	Outco	Jine	Tan	P01	PO1	P01
Course Outcome	P01	PO2	PO3	PO4	PO5	P06	PO7	P08	PO 9	0	-	2
Outcome	1000000								-			17
CO 1	3	-	-	-	•	-	-					-
CO2	-	2		-	•	-	-	-			-	-
CO3			3	1	-	-	-	*	-	-	_	-
CO4	-	-	3		-	*	•	-	-	-	0.	
.04	3	2	3	3	-	-	-	*	-	-	•	-

COs	O Just POs	Justification										
CO1	PO1	trongly mapped as the students will be able to analyse the problem to be applemented using basics of Python.										
CO2	PO2	Moderately mapped as the students will be able to identify the technique required to implement the problem.										
CO3	PO3	Strongly mapped as the students will be able to find a solution for the problem identified.										
	PO4	Slightly mapped as the students will be able to depict the project outcome and future scope.										
004	PO3	Strongly mapped as the students will be able to develop design methodologies for the system to be developed.										



Ashwini Save HOD, Computer Engg.



Course Name:- Programming with JAVA Course Duration: - 24th Jun to 28th Jun 2019

Academic Year 2019 - 20

		24%6	V2119		Indance Sheet						
Sr. No.	Name of Student	Morning	Afternoon		6/2019	260	62919	27/0	U2019	180	6/2019
1	OUTDIT VICE	Session (9 to 12)	Session (1 to 4)	Morning Session (9 to 12)	Attemson Session (1 to 4)	Meming Session (9 to 12)	Afternoon Session	Morning Session	Atempon Session	Morning Session	Afternoon
	GHARAT KAKAN KISHOR	Nome	Yarun	Kener	NOSS.	Korso	(1 to 4)	(9 to 12)	(1 to 4)	(9 to 12)	(1 to 4)
	PATEL JAY MAHESH PRAGNA	IALA	PJAY	PJAN	100	1	Kano	Kosa	Koin	Fore	KOW
3	SAKRE DISHA SANJAY	DS.	DS-	-	1	674	PJM	PJAY	8. JAY	97Ay	PJA
4	PURCHIT CHEERAJ DINESH	1.00	001	DS	122	DS	D:C	-D3	D.5.	D.5	D.5
5	TIRODKAR PRATHMESH GAJANAN	Prohom	Colore	(1.5)	(60)	300	15D)	40	70	(PD)	PP
6	BARIA KHYATI RAJESH	Derica	1	31 0000	Francis	Drive	Prower	Promp-	grow	from	8101
7	HADPE SAURABH ABAJI		Copora	71-		Decree	PROK	BECK	OBON	CO Priva	Peco
8	DARADE HITESH SUBHASH	Suppe	Side	Spiciole	Spedge	Shope	-Hode	Stades	Sugar	Stoke	Species
9	MALIASHVINIBHATU	teiteh	Hillyh	Hite	Hitch	1445	Hitch	FIFTH	Hifgh	rite	Hites
10		A-Mali	H- Mali	A-Mali	A-mak	Amali	A Mali	A-Mali	A Mali	A-mali	A mal
-	GHADSHI NIKHIL PRASHANT	HINKHIL	Hickey	HIRPT	Mikhil	MIKKE	Hickey	-A-	-A-	MIKED	MIFF
11	DUBEY DOVINDNARAYAN RAMESI	The same	G-Duky	G-Dych)	G Durby	G. Duboy	6 Ruba	(Dulc	G. Pubs	GAUN	6 24
12	ISWALKAR ABHISHEK ASHOK	(H)	(A2)	(A)	(AI)	(82)	(A-D)	(AD)	(A)	AZ	00
13	JADHAV HRUCHITA BALU	44Jah	HJadh	Hode	HJallio	A Heark	hjadh	Made	HJERLE	HIJALAN	HJad
14	JACHAV RUTUJA DEVDAS	R.J.	63	5.3	RJ	4.3	8.1	22	8.3	8.3.	27.
15	JHA SHWETA KRISHNACHANDRA	School	Stha	STha	stha	Silva	Siha	Silha	STha	SONA	STha
16	KADAM ATHARY AMIT	N.K.	B.K-	AX	A.Y	OK	A.K.	U.K	D.K	AK	A.K
17	KADU DEVESHREE	Dkady	Drade	Dhary	Dred	Drady	Moral	Drady	Dkal	Italy	Dka
18	KINTHARKAR BUYASH SAGAR	Ske	_4-	Guer	SKW	Skar	Skar	Ska	cku	-4-	Α -
19	KORE SHUBHAM	SK	SR	Sk	9	SK	SK.	SK	SE		SK
20	LIMBAD DEEP DHARMENORA	Dece.	Dece	Deep	Deep.	Deep.	DISP	Dup	Deep	pesp	Decp
21	WAHADIK HRTIK SACHIN	+R.M.	Hum	Hum	Ham	Hrm	Hom	Hm	Hom	Hm	mm
22	PATE CHRAG PRAKASH	COUNT	Cealil	OWN	CPaH	Coabil	Cpali	Cpati	Crah	CPOHI	(pa



Late Shri. Vishnu Waman Thakur Charitable Trust's

VIVA Institute of Technology

Approved By AICTE, New Delhi, DTE, Govt, of Maharashtra Affiliated to the University of Mumbai geon, Virar(E.). Dist: Palgher-401305, Maharashtra

CERTIFICATE

OF PARTICIPATION

ATHARY AMIT KADAM

This is to certify that __ attended a one-week Program on "Programming with JAVA" organized by the Computer Engineering Department Of VIVA Institute of Technology from 24th June to 28th June 2019



Prof. Ashwini Save H.O.D

Dr. Arun Kumar Principal





Academic Year 2019 - 20

Course name: - Machine Learning and Deep Learning

Duration: - 24th June to 28th June 2019 Venue: - VIVA Institute of Technology Co-ordinator: - Prof. Sunita Naik

Enrolled students: - 51

Course Objective: -

- To understand the basic theory underlying machine learning.
 To make students comfortable with tools and techniques required in handling large amounts of datasets
- Analyse the concept of neural networks for learning linear and non-linear activation functions
- This will help students in developing skills required to gain experience of doing independent research and study.

Course Outcomes: -

After successful completion of the course, the students are able to

- 1. Appreciate the importance of visualization in the data analytics solution
- 2. Apply structured thinking to unstructured problems
- 3. Understand a very broad collection of machine learning algorithms and problems
- 4. Learn algorithmic topics of machine learning and mathematically deep enough to introduce the required theory
- 5. Develop an appreciation for what is involved in learning from data.

Course Schedule: -

Session		Topic
_	24 th June 2019	
1	9.30 - 11.00	Introduction
l 1		Key Note Address
2	11.15-12.30	Basics of Machine learning and Deep Learning
3	1.15 - 4.30	ANN and CNN concepts
Day 2: -	25 th June 2019	
1	9.30 - 11.00	Introduction to python using JUPYTER NOTEBOOK
2	11.15-12.30	Machine learning Algorithms
3	1.15 - 4.30	Data Analytics I and II
	26 th June 2019	
1	9.30 - 11.00	Deep Learning and its applications
2	11.15-12.30	Word Embedding in NLP



	1.15 - 4.30	Deep Learning Techniques with respect to Natural Language Processing (NLP) in Python
Day 4 :-	27 th June 2019	
1	9.30 - 11.00	Introduction to ROata Frames, Importing and Exporting data, Data manipulation)
2	11.15-12.30	prediction with Convolutional Neural Networks
3	1.15 - 4.30	Applications of Deep Neural networks
	28th June 2019	
1	9.30 - 11.00	Recurrent Neural Networks with respect to NLP in Python
2	11.15-12.30	Prediction with Convolutional Neural Network with respect to NLP in Python
3	1.15 - 4.30	Techniques used in NLP, Syntactic Analysis, Semantic Analysis Quiz

Report:

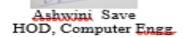
Computer engg, department of VIVA Institute of Technology conducted a course on "Machine Learning and Deep Learning" for Last year students. Total 51 students had been enrolled for this course.

This course was conducted by Prof. Sunita Naik in order to provide knowledge of Machine learning and Deep Learning.

Machine learning is a sub-domain of computer science which evolved from the study of pattern recognition in data, and also from the computational learning theory in artificial intelligence. Deep learning allows computational models to learn by gathering knowledge from experience. Complex concepts can be learnt by deep learning approach due to its hierarchical conceptualization. Deep learning has significantly benefitted for the state-of-the-art in many recurring domains in the modern world. Students enjoyed the course and completed it successfully.

CO-PO Mapping: -

Course	Program Outcome											
Outcome	POI	PO2	PO3	PO4	PO5	PO6	PO7	POS	PO 9	PO1 0	PO1 1	PO1 2
CO 1	3	2	-	-	-	-	-	-	-	-	-	-
CO2	-	2	3	-	-	-	-	-	-	-	-	-
CO3	3	2	-	-	-	-	-	-	-	-	-	-
CO4	-	-	3	2	-	-	-	-	-	-	-	-
CO 5	-	-	-	3	-	-	-	-	-	-	-	-





Bridge course attendance



VIVA INSTITUTE OF TECHNOLOGY



BE Attendance Sheet [2019-20]

Semester | VI

Week/Month

Subject Incharge:

Subject

21	June	-	2844	June
----	------	---	------	------

Boll No	Name	2.4106	241 06	25 06	20/00	37/06	28/00	Total
1	ARGANE SHASHANK NITIN	NE.	As .	A.	AC	A.	18.	
1	BANGERA SHESHTI RAJESH	thull	Bank	Jours	A Look	KINN'	Pron.	
3	BANGURA VISUAL JAGANNATH	VI.	VE.	10.	VB.	Ub.	Jb	
	BRIOVAD SHIVANI MANDIJAR	75	26	Δ_	Se.	24.	21	
4	DILLAVA PALLAVI JOGA	Pb	Ph	49	Pb	r _b	Ch	
٨	CHASKAR RUTUJA KAMLAKAR	+21-	D2.	\$	do.	1	D .	
7	CHAUDHARI SUGAM MAHESH	2 my	Roger	Stur-	Pugar.	Saw.	Sage.	
	CHAVAN SNEHAL HABURAO	A	A.	-10-	A.	·h	10	
9	CHOUGULE ADDISHER AND	Ackagal	MARINA	The state of the s	spegal.	VARBI.	N84.	
10	DHANDE AMET TRAKUR	AD.	AD	100	an-	AD.	AP	ſ
11	DUBEY STRWETA UMASHANKAR	A	D.	800	8D.	90.	200	
12	GAWAD PRATIK LAXMAN	Florik	The second secon			EPR all	Tort k	
13	GUPTA DEEPAKKUMAR ACHCHIELAL	(A)	- 1	6	A	4	1	
14	GEPTA MOLITEUMAR JAYFRAKASH	Mi.	M2+.	dia .	M7	ds.	M4.	
15	GUPTA PRAKASH VIJAYSHANKAR -	TET	Na.	10	80.	To .	2	
16	GUPTA SSIYAM UMESSIPIJASAD	Show	Shyan	-	Shyon	A-	Shya-	-
17	ADHAY PRADNESH SANJAY	Back		Commence of the Commence of th	Parlod		testan	
18	JADHAV PRADRYA JAYESH	Todro	CO.	Tade	Padry	Foder	table	
19 *	JAWALE KHUSHIIOO .	E.	The	The	A	71	TK	
20	JOSHI ADITYA BHARAT	do	The	do	SHO	TA	EL.	_
21	JOSHI KIRTI MANOJ	Kjour	KAOSW	KAPSh		Kjashi	A	-
22	KALE KAHUL RAGSAHEB	-1	-1	A	A	A	1	_
21	KAMBLI KAUSTUBN DEEPAK	Lustu	THE RESERVE AND ADDRESS OF		Acadul	- Paulis		
24	KANSARA MANTHAN SANJAY	The second second	Mass	-	Mole	show.	Mus	
25	KORESWIKILUTI JAGDISH	4	1	B.	10.	100	10	
26	LAD KRUNAL KISHOR	1100	-1-1-0	-bleet	الماراد	Mas	dat	
27	LADUNGR SHIVAN KETAN	4	-1	-4	A	4-	*	_
20	LOKHANDE RAJ	Jan	for	A	On	0	Λ.	
29	MAITY PALLAYI KAMAL	MP -	MP	mo.	me.	NAP	M	
30	MALGAONKAR HEMANGI SUDHIR	Mang	Miene	Microsia	Who	Mod	34.98	
31	MARTHAK HARSH PANKAJ	A	A	4	1	1	A	
32	MILATRE RAJ VIKAS	Δ.	A_	A	1	1	Α.	
33	MISHRA RAHUL INDRASEN	Paleka	Lucian	Prune	Purpo	Qu. A	Laster .	
214	HOGAVEERA PRAJWAL MUTTINA	0	1	House	- marie	MAN	4 main	_



VIVA INSTITUTE OF TECHNOLOGY



Computer Engineering Department

BE Attendance Sheet [2019-20]

Semester: VI

Subject Incharge (

Week/ Month:

Subject:

Hell No	Name	Lychmon	fame	Dale	flate	Date	Esserio)(Tetal
35	MIKAM ASSISSIEK SHASHSKANT	NA-	M.	Mr.	tro.	W	TW	
36	PANGA RABUL BABU	(Ten)	Camo	Robert	Bahu	Paro	Cal.	
37	PANGAM PRANETA PANDURANG	5 togan	Kenges	large	Koyp	South		
38	PARABIABITYA RAVINDRA	MP.	-AVE	1200	\$	ANY.	100	
39	PATEL HARDIK MOBAN	Hodel	Hotel.	Hedal	. Hestel	Hatel	Hatel	
46	PATIL JAYAJAY	A	A	-1	1	1	A-	
+1	PATIL PARESH YASHWANT	talit.	Petel	-tradi.	Pedi .	Froll.	TRAY	
4Z	PATIL HUTUJA SANJAY	-351	Per	for	Par	For	OH	
33	PATH, SAURABH ARUN	A	·A	A	-4-	A	A	
44	PATIL SHWAM RAVINORA	4	andi'	Took	B	251	251	
45	PAWAII MANISH ANAND	Maris	TOURS	Charte	berg.	Parket	Frank	
46	PAWAIC MAYOR MILLIND	A	A-	-4-	A	4	Δ_	
47	PAWAR DEKARSHA PRAYIN	UP	UP_	UP	De	UR	SP.	
+81	PIMPLE NISHANT JITENDRA	MP	DP.	N	NP	WP	NP	
49	RATHOD JAYDEEP VITTHAL	Toy	154	Fory.	Joy	TOH	Jay	
50	RALFE ADITYA ANIL	adt	act	ddi	ade	att	ade	_
51	RAUT MEET JITENDRA	A	A	A	4.	A	A .	
52	RAVATE SAVITA GANAPAT	- Paucie	Donok	Povede	Quest	Porose	Royal	
53	SALUNKE TEJASHITEK ASHOK	Ton.	Giv	200	Tejs	Lein	Terly	+
54	SUGDARE AAKASII MANGESH	CAS.	100	48	As	Ales	-16	
55	SURYAWANSHI GAURAV YEAY	Singar	glank	gow	A-	gour	garar	1
56	SITTAR HITESH	Bala	4.7	Buch	But	1 Buto	A	,
57	TALELE TANMAY LILADHAR	MIT	U	TIT	15	15	10	
50	TARE ADITI DEEPAK	- Train	FRONT		Taditi .	Trabti	Petit.	
59	THAKUR BUCHA VIVEK	Sign			The !	Rev	Torch	+
60	VAGAL SARKET DILIP	A	A	A-	A	A	A	
61	VANJARE DMKAR SANJAY	Jones	- This	Souler	Some	Soul	Louis	-
62	VYAS KAJ BANWARI	Trad	Pal	Rai	Roj	Pai	101	
63	YADAY RAKESH	A	. 1	A	Λ	A	A	
64	EARUNAKAR ANUSTI AMIN	Λ	1	4	- 1	Λ	A	









VIVA INSTITUTE OF TECHNOLOGY COMPUTER ENGINEERING DEPARTMENT

Academic Year 2019 - 20

Course name: - Learning with Python Duration: - 24th Dec to 31st Dec 2019 Venue: - VIVA Institute of Technology Co-ordinator: - Prof. Dyaneshwar Bhabad

Enrolled students: - 15

Course Objective:-

1. To create fully functional Python programs

2. To understand user input

3. To learn about loop structures and conditionals

4. To work with Python file handling

Course Outcomes: -

After successful completion of the course, the students are able to

- 1. Describe the basics of the Python programming language
- 2. Install Python and write first program
- 3. Use variables to store, retrieve and calculate information
- 4. Utilize core programming tools such as functions and loops
- 5. Explain the basic principles of Python programming language

Course Schedule: -

Days	Morning Session (9 am to 12 pm)	Afternoon Session (1 pm to 4 pm)
1	Introduction	Install Python and basic python program
2	Basic syntax , variables and strings	Lists, Tuples and Dictionaries. Exercise
3	If-else statements, For loop	While loop, Pass, break and continue Exercise
4	Understanding Functions	File handling - opening and reading
5	Classes and Objects	Exercise Quiz





VIVA INSTITUTE OF TECHNOLOGY COMPUTER ENGINEERING DEPARTMENT

Report:-

Computer engg. department of VIVA Institute of Technology conducted a course on "Learning with Python" for second and third year students. Total 15 students had been enrolled for this course.

This course was conducted by Prof. Dyaneshwar Bhabad in order to provide basic knowledge of Python programming. This was 30 hrs. certificate course.

During the course students learned how to install Python. They learned all the basic of python like variables, lists, strings. Also students study conditional statements and loops. This course also cover functions and file handling.

Students enjoyed the course and completed it successfully.

CO-PO Mapping: -

Course	PO1 PO2												
Outcome	PO1	P02	PO3	P04	PO5	P06	P07	P08	PO	PO1	PO1	PO1	
01	3	-			-	-			9	0	1	2	
:02	3	-		-		7		+:	-	4	-	-	
:03	-	-	-	-	-	*		-	-			-	
04		-	3	-		4	-	-		-			
:05	-	-	3	2		-	*	-					
.05	-	3	*	-		-					-	-	
	3	3	3	2					-	-	•	-	
	3	3	3	2	-	4	-		-	-			

CO PO Justification: -

COs	POs	Justification
CO1	PO1	Strongly mapped as the students will be able to analyse the problem to be implemented using basics of Python.
CO2	PO1	Strongly mapped as the students will be able to identify the technique required to implement the problem.
CO3	PO3	Slightly mapped as the students will be able to find a solution for the problem identified.
CO4	PO3	Strongly mapped as the students will be able to find the relevant tools to implement the problem stated.
	PO4	Moderately mapped as the students will be able to find a feasible solution for the problem designed.
C05	PO2	Strongly mapped as the students will be able to develop design methodologies for the system to be developed.

b.n.



Course Name: - Learning With Python Course Duration: - 24th Dec to 31st Dec 2019

Academic Year 2019 - 20

ir.No.	Harms of Student	249	E2019	Alter	Marce Sheet							
		Macraige	Aftereoun	201	22019	1	-					
	-	(5 to 12)	Session	Section (1 to 12)	Attendog	Morning	Digital .	29/1	20/12/2019			
	KHAN ATIFASAD SHAKIRALI		(7 to 4)		Seculos	Session	Affairings.	Morning	Attender		19819	
	THARIBALI .	the	Vhous		(1 to 4)	19 (0.12)	71 to 41	(2 to 12)	Service	Morning Session	Afternous	
2	YADAV DEIP MAHENDRA	4	1	KHAN	LAM	dian	100000000000000000000000000000000000000	100	(I to 4)	O'to 11 1	Deselor (7 to 4)	
_	MAHENERA	Trop.	4004			dian.	Luar	dean	Duga	Linen	-	
3	WACHAN	THE	Sing	Extra.	O bea	Co		-		Sharen	Shar	
	YOUHASIYA TUSHAR MANRETON	Til	-	-	2-100	21/42	O de P	TELLE -	St. 0	Ch.	200	
37	VAGHASIYA TUSHAR MANSUKH	IV OUT VERNE	Vagare	- Nortesh	1		-	2500	DE	THE	Thebec	
	PARIHAR RAHUL MUKESH	1	1	- Contract	140914	Vagery	Locartite	Acres 64	1 300	25 11		
_	Heaven worked	Habuls	Habab	H/V	17.1	100	No. of the	Megury	- Log-ary	LASTINE	They wal	
8	SINGH 190 A PULL SINGH	Ton	Lange	planub	the student	tabel	1 6 48	211	9.0	134	11	
_	SINGH PRASHANT DINESH	Facebact	213	4	1	- Land	Kahula	- anna	Tahal	tabile	- Karbar	
		Brothun /	- Sperat	ti-	-A-	Someth !	3.11	2 11		Her	gary	
. 20	INGH NIDHI SATYADEV	-		110000		aprod)	- BOOK ALL	S Grank	Street	一个的社	00 1	
		1	and	A2-	60	4				Contract	10.05	
7	KARANKUMAR KUNDANMAL		-	4.0	-	diese.	40_	TO.	OF S	40		
-	The state of the s	1	20	10	11			70	AD-	OV_	400	
	KARWING PROVI	174	12	2	4	#	1	X	1		-	
_	KARWANDE DEVYA ENTANESHWAR	WE	6.1	CAN	1.1%	- 71		-	4	#	-1-	
	duta.	M	13	100	1-14	CV	Ole	CV	CIT	100	<	
7	KHARATMOL HRITIK CHANDRAKAYT	12.	. 10	- 14	-	10	13	1	24	U	OA	
		Hr.	+K	1	14	W	11/	DE S	000	1	Ok	
18	MEDHEKAR PRATHMESH RALARAN	The	6700	1	14-	14	14	HE	W	. 3.1	4.1.	
	The second secon	Medhek	Produce	House	6- July	Rollin	-	-	14	4	HK	
	MRETRE BALAJI SUBRASH	-		A Comment	No. of Lot	K app	-0	make	mediate	100	-	
-	THE BULL OF SUBHASH	G	(8)	Can	(2h)	-		0	1,100	Kalu-	trode	
	A CONTRACTOR AND ADDRESS OF THE ADDR	0	(8)	(1)	(3)	(8)	(8)	020	Ore	-	3	
-	MOBARKAR SAMIKSBA SANJAY	1	1	1	-	10	42	(1)	(8)	80	(8)	
-	4	por	- Second	- War	Morr	Ser		7	-		0/	
···	MORE ADITI SANTON	AUR	Man		-db-	20-1	1	aur	Low	6	-	
		(MO)	An	TAN	AN	And	15	Con	- Allendar A	Some	200	
16	PATIL CHIRAG PRAKASH	ACTION 1	-		Para .	Chil	DAY.	CHAN-	AM)	4	-	
-	Christian Comment	Con l	Brank	Bing	-4	Carret .	Tine	A 1900 TO 1900	GTI	-4-	-4-	
*	BUIL RANKE	0.1	1	5	71-	1	134×19 6	hiny	A Anda	AL W. B.	-	
11110	THE MARKE	Kehel	Kall	21.1	211	77.14	7	4	7	Gens	Bone	
		- STANGE	LOVA	fahul	Cakel	Cuh.	Call	111	11.1	D.	17	
				-	1-200	The same	and	fahil_	Kehel	K.L.I	Pal	



Late Shri. Vishnu Waman Thakur Charitable Trust's

VIVA Institute of Technology

Approved By AICTE, New Belhi, DTE, Govt. of Meharashtra Affiliated to the University of Mumbal Shirgeon, Virer(E.), Dist: Pelghar 401505, Meharashtra

CERTIFICATE

OF PARTICIPATION

This is to certify that ____ CHIRAG PRAKASH PATIL

attended a one-week Program on "Learning with Python" organized by the Computer Engineering Department Of VIVA Institute of Technology from 24th Dec to 31st Dec 2019.



Prof. Ashwini Save H.0.0

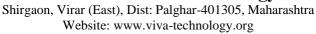
Danie -

Dr. Arun Kumer Principal





VIVA Institute of Technology





Department of Electronics and Telecommunication Engineering

Name of Course:

Nirman-Arduino Workshop Duration: 30 hours/ 1 week

Day 1- Embedded System Basic (Working, Input devices & Programming Code):

Session 1: Introduction, Hardware & Basic Programming

- ✓ Introduction to basic of embedded system
- ✓ Introduction & explanation of microcontrollers
- ✓ Explanation of AVR ATMega 328 microcontroller
- ✓ Explanation of Arduino board & programming
- ✓ Basic Arduino based programs for interfacing i/o devices

Session 2:

- ✓ Introduction to output devices interfacing
 - Project 1 : LED blinking
- ✓ Introduction to input devices interfacing
 - Project 2: Push button interfacing
- ✓ Rotary encoder interfacing
 - Project 3 & 4:
 - More LEDS switching sequentially based on encoder input
 - ii. Bar graph sort of LED switching based on encoder input

Quiz

Day 2 - Digital & Analog Input Ouput Devices Interfacing

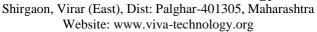
Session 3:

- ✓ Explanation for digital input devices
- ✓ Explanation for analog input devices





VIVA Institute of Technology





Department of Electronics and Telecommunication Engineering

- ✓ Introduction to temperature sensor and its working
- ✓ Basic programming for interfacing temperature sensor
 - Project 5 : Temperature sensor using LM35
- ✓ Introduction to relay
- ✓ Basic programming for interfacing relay
 - Project 6: Automatic temperature controller system
 (soldering iron temperature control_simple on/off)
- Session 4:
- ✓ Introduction to LDR sensor and its working
- ✓ Basic programming for interfacing LDR sensor
 - **Project 7:** Light controlled switch
- ✓ Introduction to IR sensor and its working
- ✓ Basic programming for interfacing IR sensor
 - Project 8: Detect presence of object and blink LED accordingly

Quiz

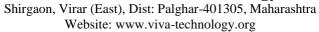
Day 3 - Advance Sensor (Ultrasonic, Hall Effect) and Serial Communication

- Session 5:
- ✓ Introduction to ultrasonic sensor and its working
- ✓ Basic programming for interfacing of ultrasonic sensor
- ✓ Programming and conversion concept for the measurement
- ✓ Formulas for speed, distance & time for distance measurement using ultrasonic sensor
 - Project 9 : Distance Finder / Range Finder usingUltrasonic
- ✓ Explanation of working of stepper motor & motor driver
- ✓ Interfacing of stepper motor with motor driver & basic motor control program
 - Project 10 : Stepper Motor Rotation
- ✓ Introduction to Hall Effect sensor and its working
- ✓ Basic programming for interfacing Hall Effect sensor





VIVA Institute of Technology





Department of Electronics and Telecommunication Engineering

- Project 11 : Stepper Motor Speed Detection
- Session 6: ✓ Introduction to serial communication & its significance in embedded system
 - ✓ Explanation of program for establishing serial communication for data transfer between computer & Arduino
 - Project 12: Send temperature data and distance measured by ultrasonic to serial port

Quiz

Day 4 - Visible Output, Keypad

- Session 7: ✓ Introduction to a 7-Segment LED display
 - ✓ 7-segment LED display interfacing & basic data display program
 - **Project 13 :** Temperature indicator on 7 segment
 - ✓ Introduction to LCD (16 X 2) & its working
 - ✓ LCD Interfacing & Basic data display program
 - Project 14 : Display temperature on LCD
- Session 8: ✓ Introduction to matrix keypad & its working
 - ✓ Concept of data line reduction & matrix concept
 - ✓ Interfacing LCD & matrix keypad with Arduino
 - Project 15: LCD based GUI for user password registration and monitor

Project 16 Smart Door System

/ Product

Day 5 - Industry 4.0 and Project Guidance

- Session 9: ✓ Tips for Project making
 - ✓ Steps for designing a project
 - ✓ Schematic designing tips
 - ✓ Project development phase









Department of Electronics and Telecommunication Engineering

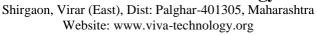
- ✓ Project functional block programming & output
- ✓ Doubt discussion
- Session 10:
- ✓ Industry 4.0: The Fourth Industrial Revolution
- ✓ Certificates & Project Letters distribution for competition

Feedback





VIVA Institute of Technology





Department of Electronics and Telecommunication Engineering

Report

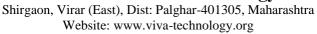
Nirman is to nurture and organize the young change makers to solve various societal challenges. It is an educational process to train the students to take up crucial issues and problems in the society. The focus in this course is to enable and equip the students to immediately start building Arduino enabled products. This was a 30hrs/1 week certificate course.

This 5 days Bridge course was conducted by Prof. Nutan Malekar from 1st July 2019 to 5th July 2019 in order to provide basic knowledge to second year and third year students about an **Arduino** and how it works. It helped students to learn programming concepts using **C** and **C**++ along with Arduino specific programming. The students understood how to use a **wide variety of hardware and components** and prototype projects using a breadboard.





VIVA Institute of Technology





Department of Electronics and Telecommunication Engineering

Course Objectives

Course Objectives

- **♣** To understand what an Arduino is and how it works
- ♣ To learn how to use an Arduino safely
- → To program Arduino using code that have written in the Arduino IDE (Integrated Development Environment)
- ♣ To learn programming concepts using C and C++ along with Arduino specific programming
- ♣ To understand best practice concepts for programming and prototyping
- ♣ To use a wide variety of hardware and components and prototype your projects using a breadboard
- **♣** To build innovative project with Arduino

Course Outcomes:

- > Students will be able to get new product or service ideas by hearing about needs in industry.
- > Students will be able to receive large volumes of usable content within a compressed amount of time.
- > Students will be able to get intensive exposure to a topic through presentations and discussions.
- > Students will be able to achieve confidence and motivation for organising different events that improves the personality of a student.
- > Students will be able to achieve confidence and motivation for participating in different events that improves the personality of a student.
- > Students will be able to develop a connection that might help with future employment.









Department of Electronics and Telecommunication Engineering

CO-PO MAPPING

Course		Program Outcome										
Outcome	PO 1	PO 2	PO 3	PO 4	P0 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	CO Target level
CO1	2	-	-	-	-	-	-	-	-	-	-	2
CO2	-	2	-	-	-	-	-	-	-	-	-	2
CO3	2	-	-	-	-	2	-	-	-	-	-	2
CO4	2	1	-	-	-	-	-	-	-	-	-	2
CO5	-	2	-	-	-	-	-	-	-	-	-	2
CO6	-	-	-	-	2	-	-	-	-	-	1	1.5
	2	2	-	-	2	2	-	-	-	-	1	





VIVA Institute of Technology



Shirgaon, Virar (East), Dist: Palghar-401305, Maharashtra Website: www.viva-technology.org

Department of Electronics and Telecommunication Engineering

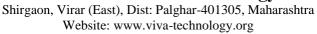
Attendance Sheet:







VIVA Institute of Technology





Department of Electronics and Telecommunication Engineering

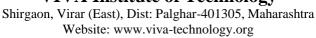
Model Certificate







VIVA Institute of Technology





Department of Electronics and Telecommunication Engineering

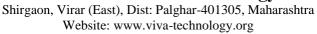
Name of Course: OOP Bridge Course Duration: 30 hours

Module **Contents** Hours **Introduction** Introduction to java, java buzzword, data types, dynamic initialization, scope and life time operators, control statements, arrays, type conversion and casting, finals & blank finals. Classes and Objects: Concepts, methods, constructors, usage of static, access control, this key word, 1 8 Garbage collection, overloading, parameter passing mechanisms, nested classes and inner classes. **Inheritance:** Basic concepts, access specifies, usage of super key word, method overriding, final methods and classes, abstract classes, dynamic method dispatch, Object class. **Interfaces:** Differences between classes and interfaces, defining an interface, implementing interface, Variables in interface and extending interfaces. Packages: Creating a Package, setting CLASSPATH, Access control 2 8 protection, importing packages. Exception Handling: Concepts of Exception handling, types of exceptions, usage of try, catch, throw, throws and finally keywords, Built-in exceptions, creating own exception sub classes. **Strings:** Exploring the String class, String buffer class, Command-linear arguments. Library: Date class, Wrapper classes. Multithreading: Concepts of Multithreading, differences between process and thread, thread life cycle, 3 8 Thread class, Runnable interface, creating multiple threads, Synchronization, thread priorities, inter Thread communication, daemon threads, and deadlocks. I/O Streams: Streams, Byte streams, Character streams, File class, File **Applets**: Concepts of Applets, life cycle of an applet, creating applets, passing parameters to applets, accessing remote applet, Color class and Graphics 4 **Event Handling**: Events, Event sources, Event classes, Event Listeners, 6 Delegation event model, handling events.





VIVA Institute of Technology





Department of Electronics and Telecommunication Engineering

Report

Duration: 8th Jul 2019 to 15th Oct 2019.

Venue: VIVA Institute Of Technology, Shirgaon.

Electronics & Telecommunication Engineering Department of VIVA Institute of Technology organized a 30 hours' certificate course on "OOP Bridge Course" during 8th Jul 2019 to 15th Oct 2019.

The workshop was basically aimed to provide basic knowledge to second year of semester 4– EXTC students of JAVA language which was conducted by **Mr. Kushal Suvarna sir** as the speaker who guided the participants.

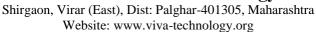
The event was a success with very positive feedback from the participants. The speech by the Principal **Dr. Arun Kumar** was an inspiring one that covered the broad future scopes of the field. The Principal being an encouraging one who said that for such events where in student d evelopment is involved, he will always be supportive. In the speech given by **Mrs. Archana Ingle**, H.O.D of EXTC, students gained an idea of how this workshop can be utilized to take creative projects in the field of software.

Mr. Kushal Suvarna sir introduced themselves to the participants and enlightened them about the fantastic and intriguing field of **JAVA software** and narrated their various achievements and their future plans.





VIVA Institute of Technology





Department of Electronics and Telecommunication Engineering

Course Objectives

- 1. To understand the basic concepts and fundamentals of platform independent object oriented language.
- 2. To demonstrate skills in writing programs using exception handling techniques and multithreading.
- 3. To understand streams and efficient user interface design techniques.

Course Outcomes:

After successful completion of the course, the students are able to

- ➤ 1. Use the syntax and semantics of java programming language and basic concepts of OOP.
- ➤ 2. Develop reusable programs using the concepts of inheritance, polymorphism, interfaces and packages.
- > 3. Apply the concepts of Multithreading and Exception handling to develop efficient and error free codes
- ➤ 4. Design event driven GUI and web related applications which mimic the real word scenarios.









Department of Electronics and Telecommunication Engineering

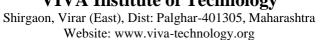
CO-PO MAPPING

Course		Program Outcome										
Outcome	PO 1	PO 2	PO 3	PO 4	P0 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	CO Target level
CO1	2	-	-	-	-	-	-	-	-	-	-	2
CO2	-	2	-	-	-	-	-	-	-	-	-	2
CO3	2	-	-	-	-	2	-	-	-	-	-	2
CO4	2	1	-	-	-	-	-	-	-	1	-	2
	2	2	_	_	2	2	_	-	-	-	-	





VIVA Institute of Technology



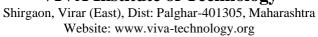








VIVA Institute of Technology



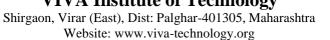








VIVA Institute of Technology



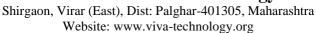








VIVA Institute of Technology



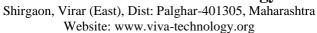








VIVA Institute of Technology



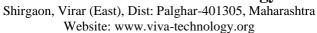








VIVA Institute of Technology



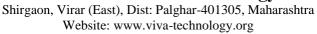








VIVA Institute of Technology





Department of Electronics and Telecommunication Engineering

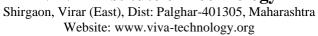
Model Certificate







VIVA Institute of Technology





Department of Electronics and Telecommunication Engineering

Name of Course:

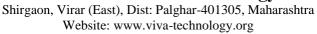
MATLAB and Simulink for Research

Duration: 30 hours

Date and Day	Time	Contents					
	9.00 to 9.30	Breakfast, Registration and Inauguration					
	9.30 – 11.00	History and Introduction to AI					
30 th Dec 2019	11.00-11.15	Tea Break					
30 Dec 2019	11.15 -12.45	Agents of AI					
	12.45-1.30	Lunch Break					
	1.30-4.00	Different types of Intelligent systems					
	9.00-11.00	Modelling and simulation of end to end communication system					
0.1 ot 7	11.00-11.15	Tea Break					
31 st Dec 2019	11.15-1.15	Modelling the architecture of RF front ends					
	1.15-2.00	Lunch Break					
	2.00-4.00	Integrating antenna and array designs in system level models					
	9.00-11.00	Walkthrough of classification workflows					
	11.00-11.15	Tea Break					
2 nd Jan 2020	11.15-1.15	Classification using neural networks					
	1.15-2.00	Lunch Break					
	2.00-4:00	Deep learning with Image data					
	9.00-11.00	Multilayer Perception					
	11.00-11.15	Tea Break					
3 rd Jan 2020	11.15-1.15	Convolutional Neural Network					
	1.15-2.00	Lunch Break					
	2.00-4.00	Hands-on practice					
4 th Jan 2020	10.00-2.30	Exploring recent MATLAB toolboxes Tea Break					
Man (E)	3.00-4.00	Valedictory function					



VIVA Institute of Technology





Department of Electronics and Telecommunication Engineering

Report

Duration: 30th December 2019 – 4th January 2020. Venue: VIVA Institute Of Technology, Shirgaon.

Electronics & Telecommunication Engineering Department of VIVA Institute of Technology organized a 30 hours' certificate course on "MATLAB and Simulink for Research" from 30th December 2019 – 4th January 2020 conducted by Mrs. Madhura Ranade.

The objective of the Research with MATLAB and Simulink training program is to learn to create tools with MATLAB that will help to implement new ideas and solve difficult problems. Learning of MATLAB and Simulink will help to apply our research to interesting and challenging real-world problems. This STTP provides comprehensive coverage of MATLAB and Simulink and its applications while providing opportunities for Hands-on practicals.

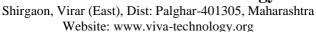
The purpose of this STTP is to have discussions on various ways in which MATLAB and Simulink tools can be used to carry out research..

Topics Covered in STTP on "Research methodology"
☐ Introduction to Artificial Intelligence.
□ exploring recent MATLAB toolboxes.
☐ Multilayer perception and convolutional neural net-works.
☐ Deep learning with Image data using MATLAB
☐ Design and implementing MIMO wireless systems with MATLAB and Simulink
As new developments are introducing in industry day by day demanding expertise in the MATLAB software, it
was felt necessary that the student also become competent in the said field.





VIVA Institute of Technology





Department of Electronics and Telecommunication Engineering

Course Objectives

- 1. Get Hands on Practice on Various MATLAB toolboxes and Simulink.
- 2. To learn the basics MATLAB toolboxes and Simulink
- 3. To understand use of MATLAB Simulink and its uses in different research areas.
- 4. Learn how to set parameters and test the output in Simulink.

Course Outcomes:

After successful completion of the course, the students are able to

- > Get Hands on Practice on Various MATLAB toolboxes and Simulink.
- > Get to learn the basics MATLAB toolboxes and Simulink
- After the completion of this course the participants will have knowledge of use of MATLAB Simulink and its uses in different research areas.
- Learn how to set parameters and test the output in Simulink

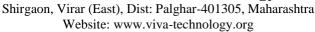
CO-PO MAPPING

Course			Program Outcome										
Outcome	PO 1	PO 2	PO 3	PO 4	P0 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	CO Target level	
CO1	2	-	-	-	-	-	-	-	-	-	-	2	
CO2	-	2	-	-	-	-	-	-	-	1	-	2	
CO3	2	-	-	-	-	2	-	-	-	-	-	2	
CO4	2	1	-	-	-	-	-	-	-	1	1	2	
	2	2	-	-	2	2	-	-	-	-	-		





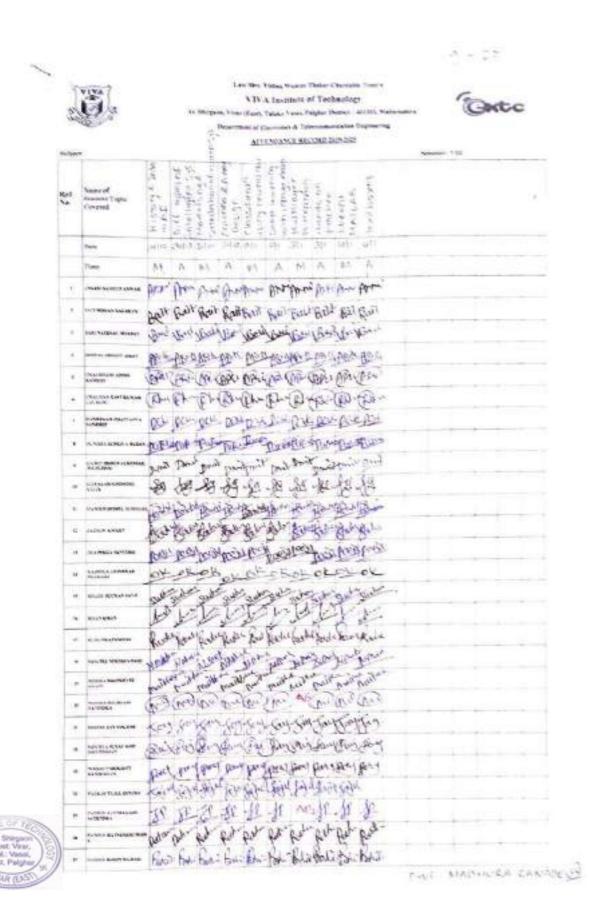
VIVA Institute of Technology





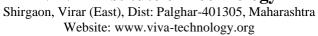
Department of Electronics and Telecommunication Engineering

Attendance Sheet:



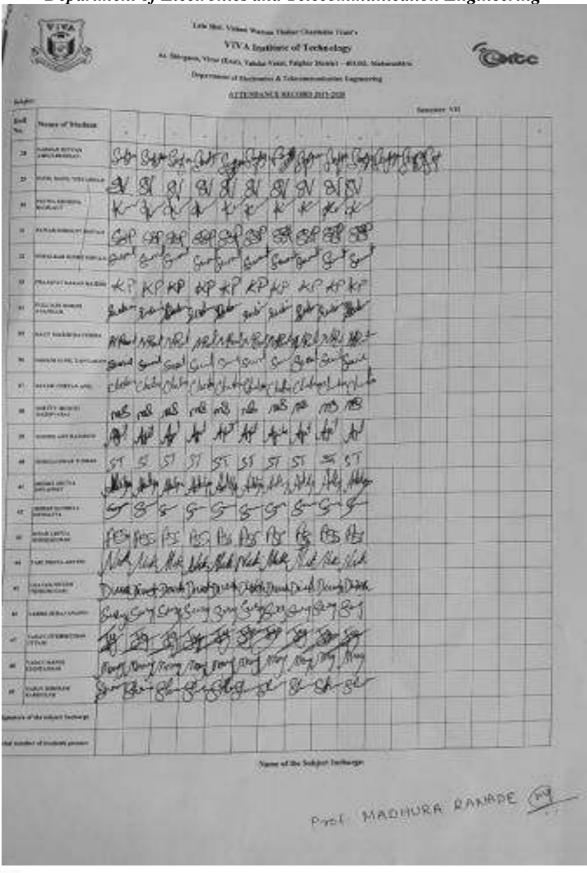


VIVA Institute of Technology





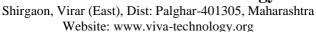
Department of Electronics and Telecommunication Engineering







VIVA Institute of Technology





Department of Electronics and Telecommunication Engineering Model Certificate



Student Certificate





VIVA INSTITUTE OF TECHNOLOGY

SHIRGAON, VIRAR (EAST)

DEPARTMENT OF MECHANICAL ENGINEERING

Syllabus & Course Outcomes

Course Name: Advance Solid Works

Academic Term: July 2019 to Dec 2019

Syllabus:

Module	Details	Hours
	Sketching with SolidWorks: 2D Sketching, sketching entities and	
	relations, 3D Sketching, Editing & its features, Dimensions, Sketch	
	tool, Mirror, Convert entity, Move & Copy	
1	Part Modeling: Extrude and Cut extrude, Revolve and Sweep, View	6
	toolbar, Creating Reference geometries, Fillet and Chamfer, Hole	
	wizard, Calculating weight/mass & other geometric properties, Export	
	/ Import of CAD files.	
	Advanced Part Modeling: Adding ribs and draft, Circular and	
2	rectangular pattern, Shell and Boss feature, Configuration and Design	6
2	Tables, Material Library & Assigning Material, Library Features &	· ·
	Smart Fasteners, Boolean operations.	
	Assembly Mode: Getting started with Assembly, Inserting	
	components in assembly, Top-Down Assembly, Feature Manager	
	Design tree & Symbols, Hiding components & controlling	
3	transparency, Sub-Assemblies, Using mates in assembly, Use of Smart	6
	Fasteners, Bottom -Up Assembly, Interference detection and	
	misalignment of holes, Exploding assemblies and adding explode	
	lines.	
	Generating detail drawings from Model: Drafting overview,	
	Drawing sheets and views, Adding drawing views, View settings and	
4	drawing properties, Smart Dimensioning, Annotations and Symbols,	6
	Sheet Formats and Templates, Ballooning for nomenclature, Adding	
	Bill of Material and tables.	
	Surface Modeling / Sheet Metal: Introduction to surfacing tools,	
5	Sweep, Loft, Revolve, Offset etc., Filleting and trimming, Utilization	6
	of Sheet Metal & forming tools.	

VIVA INSTITUTE OF TECHNOLOGY

SHIRGAON, VIRAR (EAST)

DEPARTMENT OF MECHANICAL ENGINEERING

Course Outcomes

Sr. No.	CO Code	Course Outcomes
1	CO_1	Visualize and prepare 2D & 3D modeling of a given object using solid works software.
2	CO_2	Build solid model of a given object using solid works software.
3	CO_3	Generate assembly models of given objects using assembly tools.
4	CO_4	Perform product data exchange among CAD systems.
5	CO_5	Build solid model of a given object using surface modeling.

Lase Stree Vishia Vishna Warran Chantible Trasts

VIVA Institute of Technology

At Shogan, Vier (East), Talada-Visol, Poliper Device - 421300, Milescolus Department of Stechanical Engineering VALUE ADDED COURSE - ADVANCE SOLID WORKS

Academic Year 2019-20

Course Duration : 24th June to 28th June 2019

Time: 9.00 am to 12.00 pm

1					Date	1	
Sr. No.	Name of Students	Class	24/06/2019	25/05/2019	26/06/2019	27/06/2019	28/06/2019
1	JAIN ANIRUDDRA ROSHAN	SE	You'r	Our	SW	din	OHA
2	KHOPKAR MAYURI CHANDRAKANT	SE	Mater	Kulon	Kelm	when	Ket
3	KOKALE KHYATI KAJESH	SE	Redict.	Knikat	A	Kryps	Megadi
4	ARAIKAR CHINMAY RAJESH	TE	Charles	One	CANA	chemo	owige
5	CHANEKAR MINAD SURESH	TE	T	Mod	MUDOO	Niped	150
6	MENEZES CHRIS WILLIAM	TE	Charle	distrib	Charle -	Chear	Chris
7	NEDUMATTOM ARUN BABU	TE	Amor	Fren	from	74	Am
8	PALIWAL PRIVANKA	TE	emprey	And	A	trus	+mi
9	RAI VEDAN MAHESIK	TE	Vand	March	read	rema	vons
10	DAVE ROMIL ARVIND SANGITA	30	Louis	Home	Rome	A	Roots
- 11	GHOLE VINAYAK SANJEEVAN	BE	Whee	ميلدنيكا با	way	himal	Lange
12	KUMBHAR ABHUIT VASANT	04.	Anny	AVSTA	ABRY	MAN	ANDLE
15	PAL ANUI SHIVKARAN SATNA	86	AMY	Anny	my	And	Amy
14	RAI VINAYAK PRAKASH SUNITA	BE	Hey	AN	Aras,	13	A
15		BE	90000	19310	Yester	400	4000

Facalty Considerator

(Machanical Engineering Dept.)

HOD.

(Medianical Engineering Dept)



Lara Shree Vishnu Vishna Warran Chantable 119918

VIVA Institute of Technology

At. Shirpen, Vine (East), Taluta-Vessi, Polyter Diamet - 40(105, Maharashira,

Department of Mechanical Engineering

VALUE ADDED COURSE - ADVANCE SOLID WORKS

Academic Year 2019-20

Course Duration ; 24th June to 28th June 2019

Time: 1.60 pm to 4.00 pm

		-			Date		
r. No.	Name of Students	Class	24/06/2019	25/06/2019	16/06/2019	27/06/2019	28/06/201
	A STATE OF THE POST OF THE PARTY OF THE PART	SE	deir	GEVIA	A	Poin	A
1	JAIN ANIRUDDHA ROSHAN	SE	W.L	when	Kollm	Kein	helm
1	KHOPKAR MAYURI CHANDRAKANT	SE	A	anyan	A	Khyan	Phyda
3	KOKALE KHYATI RAJESH	TE	die	channy	chem	cum	ansus
4	ARAIKAR CHINMAY RAJESH	TE	MODE	Minad	Meady	Visian	Nina
5	CHANEKAR NINAD SURESH MENEZES CHRIS WILLIAM	TE -	Claus 8	A	CKUB	Charle	Chous
6	NEDUMATTOM ARUN BABU	TE	Anen	A	Arren	Am	A
7	PALIWAL PRIYANKA	TE	Panya	Line	A	Pulle	A
4	RAI VEDAN MAHESH	TE	Verly	Vent	16-02	Newson	
10	DAVE ROMIL ARVIND SANGITA	BE	Rem	don	toris	Hom	Pomil
13	GHOLE VINAYAK SANJEEVAN	BE	Vrany	A	Varelearly	Wy	nen
12	KUMBRAR ABHUIT VASANT	BE	A	PAR .	Abh	the	Appl
13	PAL ANUJ SHIVKARAN SATNA	BE	Any	Any	Amy	Anns	Any
14	BALVINAYAK PRAKASH SUNITA	DC	Mrayak	Novarian	Vicalian	Vicayan	11-20
15	ZANKAR YOGITA RAJESH BABITA	BE	1040	16200	1000	1031	TOY

Prof. Tejas Chou Faculty Co-predictor

(Mechanical Engineering Dept.)

Prof Mysti Raut

(Machanical Expineering Dept.)





VIVA Institute of Technology

Approved by AICTE New Delhi, DTE, Govt. of Maharashtra and Affiliated to University of Mumbai Shirgaon, Virar(E.), Dist: Palghar-401305, Maharashtra

CERTIFICATE

This to certify that Dr. / Mr. / Ms. MENEZES CHRIS WILLIAM

has attended a Short Term Training Program on "ADVANCE SOLID WORKS" during the period 24th June – 28th June, 2019 at Department of Mechanical Engineering, VIVA Institute of Technology, Shirgaon, Virar.

(AS)

Mr. Tejas Chaudhari (CO-ORDINATOR) Mant

Mrs. Niyati Raut (HEAD OF THE DEPARTMENT) Ohma

Dr. Arun Kumar (PRINCIPAL)



VIVA INSTITUTE OF TECHNOLOGY

SHIRGAON, VIRAR (EAST)

DEPARTMENT OF MECHANICAL ENGINEERING

Late Shree Vishnu Waman Thakur Charltable Trust's

VIVA Institute of Technology

Shirgaon, Virar (E)

Department of Mechanical Engineering

VIVA/VIT/MECH/STUDENT/2019-20

Date: 23/11/2019

NOTICE

All the shortlisted students of Mechanical Engineering are hereby informed to attend the Value Added Course organized by Department of Mechanical Engineering on the topic of "ANSYS (Engineering Simulation)" from 30th December 2019 to 04th January 2020.

Timing:-

1st Session:- 9.00 am - 12. pm

2nd session:- 1.00 pm - 4.00 pm

Venue:- CAD CAM Lab

Prof. Tejas Chaudhari

Faculty Co-ordinator

Prof. Niyati Raut

HOD Mechanical



VIVA INSTITUTE OF TECHNOLOGY

SHIRGAON, VIRAR (EAST)

DEPARTMENT OF MECHANICAL ENGINEERING

Syllabus & Course Outcomes

Course Name: ANSYS (Engineering Simulation)

Academic Term: Jan 2020 to May 2020

Syllabus:

Module	Details	Hours
1	Solid Modeling: An Overview of Solid Modeling Operations, Working with Boolean operations, Working Plane, Importing of 3D models.	4
2	Meshing: Free meshing or Mapped meshing, Setting Element Attributes, Selecting Element Type, Shape Function, DefiningElement Types, Defining Section Properties, Assigning Element Attributes before meshing, Mesh Controls, The ANSYS Mesh Tool, Smart sizing, Meshing, Free Meshing, Mapped Meshing, Hybrid meshing, Mesh Extrusion, Volume Sweeping.	8
3	Boundary Conditions: Types of Loads, Applying loads. Solvers: Types of Solvers, Solver Setup, Load Step Options, Solving Multiple Load Steps.	6
4	Tips & Tricks: Using the Toolbar & Creating Abbreviations, Introduction to APDL, Using Parameters, Using the Start File, Using the Session Editor, Using Input Files.	4
5	ANSYS Workbench: Introduction to ANSYS Workbench, Graphical User Interface, Static Structural Analysis, Modal Analysis, Thermal Analysis, Contact Recognition.	8

VIVA INSTITUTE OF TECHNOLOGY

SHIRGAON, VIRAR (EAST)

DEPARTMENT OF MECHANICAL ENGINEERING

Course Outcomes

Sr. No.	CO Code	Course Outcomes
1	CO_1	Apply basic aspects of Analysis to solve engineering problems.
2	CO_2	Select suitable meshing and perform convergence test.
3	CO_3	Apply basic aspects to solve engineering problems.
4	CO_4	Perform basics tricks and tips to solve engineering problems.
5	CO_5	Interpret the result.

Late Shree Visheu Visheu Waron Charcable Tron's

VIVA Institute of Technology At Shirgson, Vitar (East), Talaka-Voice, Palghar District - 401315, Naharashira Department of Mechanical Engineering VALUE ADDED COURSE - ANSYS (Engineering Simulation) Academic Year 2013-20

Course Duration : 30th Dec 2019 to 4th Jun 2020

Time: 9.60 am to 12.00 pm

7923	17 See 1	2000			Date		
Sr. No.	Name of Students	Class	38/12/2019	31/12/2019	02/01/2020	63/01/2029	04/01/202
1	JAIN ANIRUDDHA ROSHAN	sc	A	Sour	Dear	Pair	Quer
2	PATIL SANKET SHIVAII	SE	800B)	party	900	Rati	agen
3	VENGURLEKAR SIDDHESH DEEPAK	SE	Soc	Send	Sal	Sent	A
4	SHAH TEJ BHAVESH	SE	Tei	Ter	Top	Tej	Tel
5	BANDEKAR CHETAN BHARAT	TE	Chelos	Charan	Cheton	chertu	A
6	HOTKAR TEJDEEF PRABHAKAR	TE	Hothan	HOHCOO	A	HOTPEN	Hetwa
7	MALADKAR PARAS RAMCHANDRA	TE	4800	A	FIPOMO!	Plans	(HPODO
	PATIL VIRAJ RAJENDRA	TE	Vinni	uni	-A	DIM	MM
9	SANKHE VATHARTH MANGI	TE	MANO	MANJ	A	MAGI	MAN
10	TARE CHINMAY DILIP	7'6	Din	Dich	Dill	Dita	2111
11	INGLE AASHAY SHARAD AARTI	BE	PASIDE	pathan	Baller	Harbal	A23 AO
12	KATE CHETAN SITARAM SUJATA	BE	54	KA	Kut	But	KALL
13	PIMPLE HARSHAL B	88	ar	b.	B.	#	4.
-14	RASAL SUJYOT R	88	800	500	A	See	A
15	SINGH AKASH PRAMOD DURGA	BE	AMSH	MASM	AKAIL	person	A-

Prof. Tejas Chau

Prof. Nyati Rout

HOD



Late Shree Vishnu Vishnu Warran Chautable Trust's

VIVA Institute of Technology

At. Shingson, Virar (East), Talukz-Vasai, Palghar District - 401303, Maharashira

Department of Mechanical Engineering

VALUE ADDED COURSE - ANSYS (Engineering Simulation)

Acadomic Year: 2019-20

Course Duration : 30th Dec 2019 to 4th Jan 2020

Time: 1.00 pm to 4.00 pm

Sr. No.	Name of Students	Chan			Date		
11000100	ivalite of Students	Class	30/12/2019	31/12/2019	92/01/2020	63/01/2020	04/01/2020
1	JAIN ANIRUDDHA ROSHAN	SE	NEW	Gern	Goin	Sich	Jun
2	PATIL SANKET SHIVAJI	SE	A	Cath	A	South	PON
1	VENGURLEKAR SIDDNESH DEEPAK	SE	Sil	'Sub	Sul	30	3
4	SHAH TEJ BHAVESH	SE	TO	Ců,	Tui	A	Tei
5	BANDEKAR CHETAN BHARAT	TE	Chillen	chilles	A	cholys	chelle
6	HOTKAR TEJDEEP PRABHAKAR	TE	M odkasi	Hethas	Hoteon	Hocken	A
7	MALADKAR PARAS RAMCHANDRA	TE	A	A	Megara	Matinas	Medoral
8	PATIL VIRAJ RAJENDRA	TE	ini	ving	King	Vim	ring
9	SANKHE VATHARTH MANOJ	TE	MANY	A	Mossi	A	A
10	TARE CHINMAY DILIP	TE	Dluw	Dup	Phir	Oly	DWP
11	INGLE AASHAY SHARAD AARTI	BE	Aas all	pashay	Aasbal	upped	pagagu
1.2	KATE CHETAN SITARAM SUJATA	88	KLE	4	P	HAT	Karet
13	PIMPLE HARSHAL B	96	4	Hi	4	He.	H-
14	RASAL SULYOT IL	BE	500	800	Eng.	A	SF-
15	SINGH AKASH PRAMOD DURGA	36	AWAKK	PANI	HUNNY	AKBM	MAN

Prof. Tejas Cheddhari Facility Co-ordinator (Mechanical Engineering Dept.)

(Mechanical Engineering Dept.)





VIVA Institute of Technology

Approved by AICTE New Delhi, DTE, Govt. of Maharashtra and Affiliated to University of Mumbai Shirgson, Virar(E.), Dist: Palghar-401 305, Maharashtra

CERTIFICATE

This to certify that Dr. / Mr. / Ms. __TARE CHINMAY DILIP

has attended a Short Term Training Program on "ANSYS (Engineering Simulation)" during the
period 30th Dec - 04 th Jan, 2020 at Department of Mechanical Engineering, VIVA Institute of
Technology, Shirgaon, Virar.

PS

Mr. Tejas Chaudhari (CO-ORDINATOR) NACOUL

Mrs. Niyati Raut (HEAD OF THE DEPARTMENT) Thum

Dr. Arun Kumar (PRINCIPAL)



VIVA Institute of Technology

Shirgaon, Virar (E)

Department of Mechanical Engineering

VIVA/VIT/MECH/STUDENT/2019-20

NOTICE

All the shortlisted students of B.E. Mechanical Engineering are hereby informed to attend the Value Added Course organized by Department of Mechanical Engineering on the topic of "Introduction to Magnetic Particle Non Destructive Testing (MT) Method" from 30th December 2019 to 04th January 2020.

Timing:-

1st Session:- 9.00 am - 12.00 pm

2nd session:- 1.00 pm - 4.00 pm

Venue:- CAD CAM Lab

Prof. Tejàs-Chaudhari

Faculty Co-ordinator

Prof. Nivati Raut

Date: 23/12/2019

HOD Mechanical



VIVA INSTITUTE OF TECHNOLOGY

SHIRGAON, VIRAR (EAST)

DEPARTMENT OF MECHANICAL ENGINEERING

Syllabus & Course Outcomes

Course Name: Introduction to Magnetic Particle Non Destructive Testing (MT) Method

Academic Year: 2019-20

Syllabus:

Module 1: Basic Principles of Non-Destructive Testing Definition and importance of NDT Types of NDT methods Visual testing (VT) Liquid penetrant testing (PT) Magnetic partials testing (MT)	
Types of NDT methods Visual testing (VT) Liquid penetrant testing (PT) 4	
Visual testing (VT) Liquid penetrant testing (PT) 4	
Liquid penetrant testing (PT) 4	
Magnetic particle testing (MT)	
Eddy current testing (ET)	
Radiographic testing method (RT)	
Ultrasonic testing (UT)	
Comparison of different NDT methods	
Module 2: Magnetization techniques	
Permanent magnets	
Electromagnets 7	
Coils	
Magnetization by passage of current	
Magnetization technique by induction	
Module 3: Testing techniques	
Testing techniques for work pieces of differing alloy, shape and	
3 condition 6	
Testing techniques with various types of current	
Field direction for some specific cases	
Module 4: Knowledge of equipment	
Permanent magnets 6	
Electromagnetic yoke 6	
Portable and stationary equipment	

VIVA INSTITUTE OF TECHNOLOGY

SHIRGAON, VIRAR (EAST)

DEPARTMENT OF MECHANICAL ENGINEERING

	Types of current and concepts of testing capacity	
	Demagnetization equipment	
	Maintenance and use of the equipment	
	Module 5: Knowledge of Accessories	
	Contact points	
	Vessels for checking bath concentration	
	Field indicator (Berthold test piece)	
5	Calibration pieces (JIS)	7
5	Magnetic field measurement equipment (gauss meter)	7
	Ultraviolet lamps	
	Coloured and fluorescent powders	
	Colour for increasing contrast	
	Morphology of the particles	

Course Outcomes:

SR. NO.	CO CODE	COURSE OUTCOMES
1	CO_1	Apply basic aspects of Inspection to solve engineering problems.
2	CO_2	Select suitable Magnetization techniques.
3	CO_3	Understand the Testing techniques.
4	CO_4	Understand the Knowledge of equipment.
5	CO_5	Understand the Knowledge of Accessories.

VIVA Institute of Technology

At. Sfergam, Vitter (East), Tabiko-Vasai, Palgher District - 401305, Maharashtra

Department of Mechanical Engineering

VALUE ADDED COURSE - Introduction to Magnetic Particle Non Destructive Testing (MT) Method

Academic Year : 2019-20

Course Duration : 30th Dec 2019 to 4th Jan 2020

Time: 9.00 am to 12.00 pm

D. N.	S. CONTRACTOR SECURITION	200	Date					
Sr. No.	Name of Students	Class	30/12/2019	31/12/2019	02/01/2020	03/01/1020	04/01/2020	
1	ADKHALE BHARAT YASHWANT PRATIKSHA	BE	BANARAL	Bows	BARRA	\$ SAN	BARRA	
2	BALIGA SIDDHESH SATISH SEEMA	BE	333	AB	53B	538	35B	
3	BHANGALE CHIRAG NAXENDIKA MALINI	BE	CNE	SINS	CMB	CMB	CNB	
4	BHOIR VIRUSHALI GAJANAN KAVITA	BE	AB	NUB	ws	NB	ens	
5	BHOSALE RUSHIKESH SUBHASH PUSHPA	BE	1	FR	AB .	FSM.	BAC	
6:	BIRWATKAR ANIKET ANANT AKSHATA	BE	AAB.	AMAS	AB13	AB	AAS	
7	GULHANE AMAN ASHOR MANTA	BE	fram	Dusa	Dues	Swo	pur	
8	HASE NIKHIL BALASAREB PRATIBHA	BE	AB	MES	are	NAS	NAB	
9	JADHAV VIKRANT VISHNU THERESA	BE	man	me	waer.	mar	stee	
10	JAWLE SIDDHESH SONU NITA	BE	527	222	25	270	523	
11	KATALE ROHIT RAJENDRA RANJITA	BE	AB	PRE	RRYS	PARS	QXX/Q	
12	KHARAT ASHWINI KAILAS SANGITA	BE	PR18	BRAZ	PRIZ	PANZ	BARNA	
13	KOTIAN SHUBHAM GANESH KALAVATI	36	SKM	OW	AB	Opru	Sure	
14	LEMBHR RAHUL CHUDAMANI SUNITA	86	Relia	em	em	Ru	AB	
15	MISHRA SANGAM ANIL MAMATA	BS	Am)	aril,	grid	Dur	Ani	
16	NAWAR JATIN SANJAY TANVI	BE	EN	SP 1	200	SAON	AB	
17	PATIL CHINAR ANAND BHARATI	96	COREL	AB	Jen	colou	Charce	
18	PATIL JITESH GURUNATH GITANJALI	BE ,	J68:	JGR:	J 68	J68	760	
19	PATIL MANDAR CHANDRAKANT VINAYA	BE	AB	met	CURR	mes	nex	
20	FATIL MANTHAN MILIND MANISHA	BÉ	ano	mp	one	me	mis	
21	SALUNKHE SOHAM VISHWANATH SWAPNALI	BE	mp	no	no	00	m	
22	SAPKAL JAYESH ASHOK NITA	BE	Ben	AB -	2000	por	Do	
23	SAVE KSHITU PRASHANTKUMAR PRACUI	BE	Son	CONTRACTOR OF THE PARTY OF THE	SNE	3	Say	
24	SHAH SHALIN RAKESH RITA	BE	867	26A	AB	200	SPA	
25	SHIUDKAR AKSHAY SHRIPATI ARCHANA	DE	DES	(B) 200	000	905	000	
26	SULE CHIRAG LAXMAN MUKTA	BE	CLS	STO	CLS	CLS	5	
27	THAKUR KRISHNA RAMESH PRAMILA	BE	ASC X	100 × 1	AB	S	(PA	
28	THOKAL AVINASH DATTU RATNAPRABHA	BE	200	A CAP	DAG	DEN !	Del	
29	VICHARE AKASH PRADEEP HEMANGI	BE	AB (Auren	- CC	Den	Hen	
30	YADAV RAHUL KHELADI MIRMALA	BE	RIGH	the	HERY	Prosp	AB	

Prof. Teles Chardhari Faculty Co-ordinator (Mechanical Engineering Dept.)

Prof. Night Raut H.D. (Mechanical Engineering Dept.)

At Strepan Poet Very, Tal: Verx, Tal: Verx, W. William H.

VIVA Institute of Technology

At. Shirgson, Venr (East), Teluka-Vassi, Pelghar District - 401305, Maharushtra.

Department of Mechanical Engineering

VALUE ADDED COURSE - Introduction to Magnetic Particle Non Destructive Testing (MT) Method

Academic Year 2019-20

Course Duration : 30th Dec 2019 to 4th Jan 2020

Time: 1.00 pm to 4.00 pm

Sr. No.	Name of Students	Class			Date		
	Time of Students	CIRSS	30/12/2019	31/12/2019	02/01/2020	03/01/2020	64/01/2020
1	ADKHALE BHARAT YASHWANT PRATIKSHA	BE	CHOSON	BARN)	Stary	BRATO	82100
2	BALIGA SIDDHESH SATISH SEEMA	BE	223	AB	3 38	SSB	555
3	BHANGALE CHIRAG NARENDRA MALINI	BE	CMB.	EN3	CNB.	COB	ON3
4	BHCER VRUSHALI GAJANAN KAVITA	BE	AB	VEB	ins	runs	Lens
5	BHOSALE RUSHIKESH SUBHASH PUSHPA	BE	Rn	P312	AB .	Pag	Ro
6	BIRWATKAR ANIKET ANANT AKSHATA	BE	2002	Mer-	AAR	AND	AA F
7	GULHANE AMAN ASHOK MAMTA	BE	Ame	Der	aler	Aut	Au
8	HASE NIKHIL BALASAHEB PRATIBHA	BE	AB	BAR	den	TAN	SU
9	JADHAV VIKRANT VISHNU THERESA	BE	me-	nin	nke	nui	nie
10	JAWLE SIDDHESH SONU NITA	BE	553	225	257	835	SV
11	KATALE ROHIT RAJENDRA RANJITA	BE	AB	ONE	P800	PRIO	PRIO
12	KHARAT ASHWINI KAILAS SANGITA	BE	ani	Descur	Aglesa	AKING	Ascer
13	KOTIAN SHUBHAM GANESH KALAVATI	BE	PRIS	2010	AR	RELIE	BAN
14	LEMBER RAHUL CHUDAMANI SIINITA	BE	Gele	Deus	Aun	Im	AB
15	MISHRA SANGAM ANIL MANATA	BE	DV	new	Ow	ow	Que
16	NAWAR JATIN SANJAY TANVI	BE	Anii	Amil	mil	And	AB
17	PATIL CHINAR ANAND BHARATI	BE	W.	TOP	350	350	VIRC
18	PATIL JITESH GURUNATH GITANJALI	BE	CARN	coon	AB	core	care
19	PATIL MANDAR CHANDBAKANT VINAYA	36	JUR-	TGA	TUP	Kep	194
20	PATIL MANTHAN MILIND MANISHA	ВΕ	mes	ner	mer	neo	me
21	SALUNKHE SOHAM VISHWANATH SWAPNALI	DE	mp	me	me	no	no
22	SAPKAL JAYESH ASHOK NITA	BE .	Sam	AB .	There	Say	MAR
21	SAVE KSHITU PRASHANTKUMAR PRACHI	BE	some	Sens	Series	Sw	Ser
24	SHAH SHALIN RAKESH RITA	Вε	SPL	SRS	AB	XRS	8PJ
25	SHIUDKAR AKSHAY SHRIPATI ARCHANA	BE	OKS	AKY	DAS	alg	AQE
26	SULE CHIRAG LAXMAN MUXTA	BE	CLD	CLS	CLA	SLB	cie
27	THAKUR KRISHNA RAMESH PRAMILA	BE	A30	A D	AB (440	AST.
28	THOKAL AVINASH DATTU RATNAPRABHA	вє	DOM	88	ABOT	0005	tea
29	VICHARE AKASH PRADEEP HEMANGI	ВЕ	AB	TKOR	DEN	Bens	Dien
30	YADAV RAHUL KHELADI NIRMALA	ве	R1924	ROY	proy	PROP	AB

Prof Tesas Chuudhari Faculty Co-ordinator

(Mechanical Engineering Dept.)

Prof. Niyali Raux H.O.D. (Mechanical Engineering Dept.)

162





VIVA Institute of Technology

Approved by AICTE New Delhi, DTE, Govt. of Maharashtra and Affiliated to University of Mumbai

Shirgaon, Virar(E.), Dist: Palghar-401305, Maharashtra

CERTIFICATE

This to certify that Dr. / Mr. / Ms. HASE NIKHIL BALASAHEB PRATIBHA

has attended a Short Term Training Program on "Introduction to Magnetic Particle Non |

Destructive Testing (MT) Method" during the period 30th Dec 2019 to 04th Jan, 2020 at

Department of Mechanical Engineering, VIVA Institute of Technology, Shirgaon, Virar.

Mr. Tejas Chaudhari (CO-ORDINATOR) Mrs. Niyati Raut
(HEAD OF THE DEPARTMENT)

Dr. Arun Kumar (PRINCIPAL)



VALUE ADDED COURSE

Name of Course:	Printed Circuit Board (PCB) Designing	Branch:	Electrical Engineering
Duration:	30 Hours	Instructors:	Bhavita Patil
Date of Commencement:	05 July 2019	Date of conclusion:	31 Oct 2019

	Course Outcomes
Upon suc	ccessful completion of the course, the student must be able to
CO1	To understand the requirements of designing a PCB using software.
CO2	To understand various components required for PCB design and their electrical ratings.
CO3	To use development tools for PCB designing
CO4	To understand design standards and flow charts

	Syllabus	
Unit No.	Contents	Hours
1	Introduction to PCB designing concepts: Introduction & Brief History: What is PCB, Difference between PWB and PCB, Types of PCBs: Single Sided (Single Layer), Multi-Layer (Double Layer), PCB Materials. Prototyping, eCAD and PCBs, Purpose and Intent, Equipment Computer Circuit Programming and Testing Hardware, PCB Component Hardware, Software, MPLAB X IDE and XC8 Compiler, Understanding the Walkthrough	6
2	Component introduction and their categories: Types of Components: Active Components, Passive Components Component Package Types: Axial lead, Radial Lead, Single Inline Package(SIP), Dual Inline Package(DIP), Transistor Outline(TO), Pin Grid Array(PGA), Metal Electrode Face(MELF), Leadless Chip Carrier (LCC), Small Outline Integrated Circuit(SOIC), Quad Flat Pack(QPF) and Thin QFP (TQFP), Ball Grid Array (BGA), Plastic Leaded Chip Carrier(PLCC)	6
3	Introduction to Development Tools: Introduction to PCB Design using OrCAD tool, Introduction to PCB Design using PROTEUS tool	6
4	Detailed description and practical of PCB designing	6



PCB Designing Flow Chart, Description of PCB Layers, Keywords & Their Description, PCB Materials, Rules for Track, Study of IPC Standards	
Lab practice and designing concepts: Starting the PCB designing, Auto routing, PCB Designing Practice, Post Designing& PCB Fabrication Process, Testing and Troubleshooting Methods	6

	Learning Resources
Text	t Books:
	1. Kraig Mitzner, "Complete PCB Design Using OrCad Capture and Layout", 2011
Refe	erence Books:
	 "PCB Design for Real-World EMI Control (The Springer International Series in Engineering and Computer Science)" by James Drewniak and Bruce R Archambeault. "PCB Design: Printed Circuit Board" by Michael Dsouza and Dsouza Michael



VIVA Institute of Technology, Virar

SUBJECT: Painted & design S.E. ELECTRICAL (2019-2020)

R.	Name	5/9/	9 5 AT	19 12/2/1	9 72/201	9 19/2/1	9 14/201	9 4 /2/1	9 76 9719	P	C	
No		2:3	_	-		213	-					
X	CHOUSEAN SANGETA PREM NARAYAN	13	PA	Osi	0	Osa		0 (29	OSP			Γ
2	CORNE ADITI SURYAKANT	40	101		HA	-		HO	-			
3	GUPTA AXINABIILIMAE SEWALAL											
-	JADHAN JEJHILANE.					+						
4	COMBLE SHIVETA NARENDRA				1	1						
1	MUNIDAYAT SPEETISH RAMINDRAN	M	u Mu	V A	Mblu	MLU	u tyth	MILL	MPYCH	-		-
	PARTE POLICA STUDY	1.00	13.0	40.7	A SESSION	1 250000	1	100				
×	PATTL ALPESH MUNUMO	PAI	w A	PAN	JPAn.	Pan	Par	Pan	m PAm			
9	PATIL BHAVIN MAREAND	1	1	1	1	1	1		10			
10	P*TR SIGNET SOPIN	-	CAL	1 10 1	1.81	OLIV.		1 0			i	Ξ
x	PARAR FALGUNI RANCHANDRA	Ta	PAI	2 FR	PA	PAL	FRI	FRA	FRA	- 4		
12	PILKE SESHANT HTENDRA		1,1	1	1.1	1	17		1,		1	
13	PRIPLE TANAY NAKENDRA	100	anco.									
14	RANCOL PRATHAM PANDHAKINATH			,								
13	SAIVED AMAAN KAUSAB	SVI	1 SIN	USVI	SIM	SVI	A	Sugh	Sym			
16	SAWANT PRATIK RAVINORA	-/	10	/		V /		- /	/			*
17	SHINDE RAJ SATISH											
18	POOLARI SNEHA DEVRAU											
19	THAKARE BHAVESD SERIEANT		-	-	-	-				_	_	
-	THAKARE CHETANA MARAYAN	The	4 Thats	n Iper	4- Than	Thali	Than	Thaha	Trans	_	-	_
7	UPADHYAY ALOK B.	And	Aw	Ahu		Ahr		Huy	Am	-	-	
-	VEDGA ASMITA KANCHANDRA	Ned	Ved	4 0	Very	A	very		Veily			_
-	VEKHANDE PRATHMESH PRAKASH	1	3	1	0		.0	4				_
	VISHWAKARMA PRINCE KUMAR II.	-								-	-	
+	FADAV AAKASH SATISH	-								-	1	_
-	ANKHE YUGAN	h		00	C 0		-		0 0	-	-	_
+	DIEPRAVIN	Gup	A	Gunp	Corp	A (my	Guy	Comp	+	-	_
+	CPTA HARSINAL B	1	-	-		1			,	-	-	_
+	HOIR AMISHA D.	-								-	1	
*	M. H.SAYUR IVALO	N/A	Ma I	16A. 1	40 - 4	M. 1	Nr I	u	6/2 1	-	+	
r	ALWANA PRATIE B	11/20	Moun	The sale	Mord	Meson	1400	Librar	Mores	-	+	_
13	ANK PARTH B ATIL RUSHEKESH K	pour	4	1200	. 0	pri	1	pus	- ()-	-	+	_
+			-							-	-	_
1	HANAVE CHETAN F	Vall	10/1	1/214	Van	Marc	1/.0	^	10:40	-	-	
+	RPARA ANKIT R	VOV	VUL	YPU	Very	von	VUL	A	Vase	-	_	
1		Nun	11.	A.L.	Nhu	Al	110	.10	112			
+	SONATE SHE BASSATI	IWW	MM	/Ww	nu	mu	Mem	New	Ney	-	-	
1	SE NETESH BEIKAJI	1/2/	WA	MAN	VKE	Live	Mel	74.0	171	-	1	
-	MBHAR VRUSHALI &	VF	VM	AFIC	VEAT	V64	VKM	VER	VKm	1	_	
-	WANT ROMAN V			-			-			_	1	
-		Blh	Bona	0-	2 1	0	0	D	011	-	1	
g to fill	USAKA MESHA:	PIVVE	tom	0	MAN	4	m	mon	boats	1		

41	PATIL DAKSHAT B										+	
45	PARADIE SHARAD	G .								_	\vdash	_
46	SHANVAR CHINT	U D			17.					_	↤	_
47	O.HA VISHAL S		-						MAL	DAME	+	_
18	MADIYA MILAYK		MONK	1701 1	MMY	Last.	MWE	46111	MINIK	1	+	
A	ВНАВАКНАСА AS	HISH		RIK	EGM!	KAK	DEFEN	MAHK	MARK	E-STIP	+	
50	SEJPAL HARMISM						-		-		+	
5)	KAPDULE ONKAR		-						-	-	+	
-	TAMBE AMAY AS		-						-	-	+	_
53	DADHAV SAMIKSH			_		_			-		+	_
54	VANMALI DHRUW	ESH P							_		1	_
55	PATIL PAYAL S	1.451					-			-	\vdash	_
56	PAWAR PRIYANKA						_	_		_	+	
57	SAPATE ROBERTS	Land I	-	-				_		-	+	
-	SHINDE RUTIK A		-	1	71-	7.	0	7%	1	/-	+	_
35	GAWADE KARUNA	.6	Stou	Cad	Gku	They	John	Later	عادد	(3,00	1	-
68	GUPTA PRITI G.	110	-	200					-		1	
61	PAWAR NIRAJ		1	1		4	-	4	4.	4 .	+	
52	CHAUHAN AKSHA	N.	ann	on	du	Chan	am	am	am	can	-	
63	AHIN GAUTAN		-			-					\vdash	
64	PAWAR RAHUL			-				-				
65	MURROKAR ANKO										1	
66	KHADAYE BHAKT		-							-	1	
61	KALE PRADEEP		-		-			_			\vdash	
68	GHARAT HETESH						-				1	
65	BHANDARI PRADO PATIL OMKAR		-		-						1	
	PATIL OFFIAR		-	13			-				\vdash	
			-							- 8		
	3.3											
	NO OF STUDE	NTS PRESENT										
Sr	p.,	The	1				TOPICS O	OVERED				
80	Date	Time			50 1 5 500		500000000	COURSES.	8279.5	A to	J	
1	5 4	2:30			uion	120	100000		200715	4 00	101	3
2	sla	3130	18	Pao	70 P	OB,	Jane	alen	ing			8 =
3	1219	21.50	200	from	wing	1 0	end	ha	duc	ae		
4	1244	9130	Pa	Be	anyon	neu	+ 1	radi	ove	60	ofm.	مهم
5	1919	2:50	MA	LAB;	H , 10	E	sV u					
6	1919	3130	wo	elette	non	h						
7	24 9	2130	-		2	-	mn	45.	Active	4	Pasi	1 10
	26/2	3:30	-		13375	-	-	e E	-			

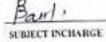


VIVA Institute of Technology, Virar S.E. ELECTRICAL (2019-2029)

SUBJECT:

ı.	Name	2	8/19	1/3/19	7/8/1	9 1/51	9 6.4	/19	619/19	13/9/19	13/115	P	c	1
No	line	113	1.1	4/4			1		100 1		-	+	-	╀
t	CIKOLHAN SANGITA PREM NARAYAN	10	0	OSF	CX	CSG	C	88	(281	C89	CSP	1	_	-
2	GDBBLE ADITI SURYAKANT	1	1	1		1		,	-1	,				L
3	OUPPA AVINESIIKOMAR SOVALAL													
4	DEBITAL SEDENCASE.							9						L
5	KAMBLE SHWITS NARCHORA		-	927 B		1950	n		- 1					
6	MUNDAYAT SILETISH RAVINDRAN	M	MON	Mul	* *	Muy	4	A	Much	Thurs	Much			
1	PASSITE PROTAKURASI			7 187 80		100000			Carried A		C. Maria			
8	PATIL ALFESH MUKUND	Pa	m	DAM	A	Parh	n fr	m	PAm	PAM	PAM			
9	PATIE BISAVIN SOMETAND	100		1		1	1							
10	PATIL SANCET SOPAN	11	-1	ر وادرا	A Second		121							
11	PAWAR FALGUN RANCHANDRA	FA	0	FRP	FRP	FRA	ef		FFR	FRP	FH			
12	PILKE NISHANT (ITENDRA	1	1	"	'''	1			-70	.,,	11			
IJ	PIMPLE TAKAY NAKENDRA	6			land.				-					
14	RAWOOL PLATHAM PANDHARINATH			1						0	1			
5	SALYED AMAAN KAUSAR	SU	m	SUL	Syl	Sul	Sy	43	34M S	Sull	Sul			
6	SAWANT PRATIK RAVINDRA	17		-	1		1	1						
7	SHINDE RAI SATISH													
8	PODJAE: SNEHADEVRAJ	1	1	10										
9	THAKARE BRAVESH SHREGANT	Tho	w	hatt	Trast	Trans	That	4	hat	haba	There			
1	THAKARE CHETANA NARAYAN	1.					0.00							
1	UPADHYAY ALOK B.	Au	W.	AM	Aug	ANY	Au	4/	Any		hull			
1	PERSON ASMITA RAMCHANDRA	Vei	W	lega!	Vella	Vest	Va	N V	Vedy 1	/ery	Vector			
N	EKHANDE FRATHNESH FRAKASH	1	T	0		4	<	J		J	V			
þ	TSHWAKARMA PRINCE KIIMAR R		٧		0									
γ.	ADAY AAKASH SATISR													
8,1	ANKHE YUGAZI		1	000	_	and a		1						
Ġŧ	RUPKAVIN	Sp	4(-	mp (THE	Goup	Gow	1	A	a G	ent			╛
οt	JPTA HARSHAL B			0.00	1			1			V			
BH	HOOR ANISHA D													
DC.	DSAVI SUYASH M					= 00		1				19		
10	AKWANA PRATIK B		1			1								
İń	NK PARTH II	Taw	4	auti	wes-	Tast	A	To	alle !	aul_{I}	abe	100		
Pá	TIL RUSHIKESH K	3			18	- 5		1						7
DH	MANAVE CHETAN #													7
V.K	ZE ASHUTOW N													7
НВ	RPARA AVIKIT R												T	7
VIV.	NUTANT MITTER							-				1	10	1
AS	ME NOTESH BURKAST				100		AND I)			05-			1
cue	MBHAR VRUSHALL 6	VKS	1	7 1	KW	VAH	VKN	V	KZ V	KO-1	KV			1
_	PADA SUREKHA C	,					W. C. I		,	· · · ·		100		1
AV	WANT ROHAN V											1	1	1
H	ISARA JITESEA						101						-	1
_	IT KALPIT M			-	_	-	-	_	_	-	_	-	-	4

4 19	AND AKSHAT B	1										
50	ARADIE SHARAD G											
6 5	HANVAR CHINTU D						-					
7 0	JULY VISHAL S		rauste	KIIIII	en AV	MINI		MMI ₹		MMK		
S M	MADY A MILAN K		MIMK	1	MMK	3	ONLY	RIL		RHY		
() B	HARAKHADA ASHISI	4	BAT	RHE	BUE	PHI	504	BIJE	-	GILL		
58 S	SETFAL HARMISH		1	200	-	-	y	6				_
st k	CAPOULE ONKER				-	-	-					
52 1	PAMPE AWAY ASHOR				-	-	-		-			
53 3	ADHAV EVMIKSHA		-	-	-	-						_
54	VARPEAU CHRUVESH	*	-	-								_
5.5	PATE PAYALS		-		-	1	1					_
56	PAWAR PRIYANSA		-	_	-		-					
57. 5	SAPATE ROHET D				-	-						_
\rightarrow	OHENDE EUTIK A		26	76	CK	0.6	Ch	1(2h)	Gk-	Gr		-
-	JAWADE KAMINA G		136	13th	DIE	HAH	1	The second		1000		-
60	SUPTA PRITEG.		1 10	-	-							_
-	PAWAR NIRA)		1	114	1 4	don	eln	draw	da	~		\perp
	CHAUHAN AKSHAY		con	Porus	CVM	CV						1
-	AMIN GAUTAM		-	-				11.5				+
64	PAWAR RAHUL	III III		-	1	1		1				_
-	MURUDKAR ANICET		-	-	1	-						+
66	KHADA/E BHAKTI		-	-	-							-
-	KALE PRADEEP		-									-
68	GHARAT HITESH		-	-								-
-	BHANDARI FRADEP		-	1000	10		1	11.4			-	-
70	PATIL OMKAR		-	100		No.	1	July -			-	+
			-									+
_			-	+				7			-	-
Ш	NO OF STUDEN	TS PRESENT	1									_
Sc	Date Date	Time				100	TOPICS	COVERED				
100	02/08		In	line	and	01	ubo	e po	cefe	905		
1	W/V									,		
2	orles		- 1776		me			7.01 Styles	-			
3	oglos	1 2/6		COLL STORY				100	*			
4	ralot		9	PF.	TOF	1 .	PLC	-	,			
5	109						w	100	0.		-	
6	02/29			The same	to							
7	100		7	ich	ial.	1			_			
8	17/19		-1	in	5-1	2_					arl,	_



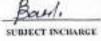


VIVA Institute of Technology, Virar S.E. ELECTRICAL (2019-2029)

SUBJECT: SUBJECT INCHARGE:

R.	Name	2/9/1	9 12/19/19	1/le/19	4.40/15	n/1/19	Y./h/19	17/19/19	17/1/19	P	C	17
No.	Time									_	1	┖
1	CHOCHAN SANGITA PREMINARAYAN	239	OCEA	OSA	CLA	CAG	CSD	C8P	Con	_	_	┖
2	GURLE ADDI SURYAKART		1	1	7	1	1	,	,			
3	GOPTA AVINAGROUMAR SOWALAL	14.										
+	FAZIKAV NEXHE AVIL.											
	RAMBLE SHIRETA NARENDRA	100	11/				11/					_
6.	HUNDAVAT SREETISH RAVINDRAN											
7	AUSTEE BOOK KIRAN											
8	PATIL ALPESH MUKUND											
	PATE BHASIN MARTAND											
10	PATE SANCET SOFAN	300	811-0	200	800	SAP	840	SAP	500			
п	TAWAR FALGUNI BANCHANDRA	ELI	IRI	FRI	DRA	500	170	FEI	FEP	\neg		
12	PILKE NISSANT JITENDRA	17	117	17	17	17	111	17	111		\neg	
13	PIMPLE TANAY NAKENDRA	1										
14	RAWOOL PRATHAM PANDRIARINATH	and	Down	Δ	pmp	a.D	and	BAD	por		\neg	_
	SALVED AMAAN KAUSAIL	11/1	101	-	400	P	Pol	101	1	1	\rightarrow	-
	SAWANT PRATIK RAVINDRA	1										
17	SHINDE BAJ SATISH	SIRR	100	COL	001	001	843	100	SPS	\rightarrow	1	
18	POGOABESNEHA DEVKAL	LOLO	0#9	010	7000	DIPO	01-2	000	000	-	-	_
13	THAKABE BHAYESH SHEKANT	1				-		_	_	+	+	_
-	THAKARE CHETANA NARAYAN	1								+	_	_
-	UPACHYAY ALOK B	-		- 20	205		-		_	-	+	
+	VEDGA ANNITA RANCHANDRA	Mail	Vedy	Vedy	T tole	Vedu	A	Jeden	Vedu	-	+	-
-	VEKHADDE FRATHMESH PRAKASH	very	VEG	vecy	VON	vegy	F1 1	reoun	MONT	-	+	-1
+	/ISHWAKARMA PRINCE KUMAR R.	V	-			-	-	-	-	+	-	\dashv
+				-	-		-	-	-	+	+	\dashv
+	ADAY AAKASII SAYBIIF			-	-	-+	-	-		+	-	-
+	ANIONE YUGAN		-	-	-	-	-		-	+	+	-
+	IRI PRAVIN		-	-	-	-	_	-	_	-	-	-
+	UPTA HARSRAL B		-	-		-	-	_	_	-	-	4
+	HOER ANESHA D.					-	-		_	_	-	4
+	OSAVISUVASHM			-	-		-	-				4
+	FAKWANA PRATIE B	F. Va	7 10	T h -	- 1	1.0	- 1-	. ,		+	-	4
+	ANIC PARTIEB	Jack	lant	Jan	Jaun	pue!	Fult	cul	A	_	-	_
+	ATIL RUSHIKESH K			111								_
+	HANAVE CHETAN F			-								
+	AZE ASHUTUSHIN			_								
+	IRPARA ADKIT R											
1	ANDIANE MEER R											
1	AE NETESHBHIKAII				1	- 1				-		1
KL	MEHAR VRUSHALI B											
VΕ	LPADA SUREXHA C											1
5.4	VIANT ROHAN V									1		1
1111	RISARA HIESIKA.									-	1	-
RA!	UT KAUPIT M							-		-	-	+

1	KTE DAKSHAT B		1									
9	ARADHS SHARAD G											
6 5	HANVAR CHINTU D							-				
7,0	SEA VISHAL S		1 18 11 2	Last.	314117	MANE S	MNY	tou/[r	MNZ	MMIL		
8	AVAYA MILAN K		MINK	Lubik	WWK	Libit	MNK	1441	THE	11.1		
9 1	HARAKHADA ASHISH						_					
ED (SEPAL HARMISH				-		-					
91	KAPDULE ONKAR			_								
52	TANKE MAY ASPICE		-		-							
	ACHAY SAMIKSHA		M	Man	Vop	1/1/20	Wh	1/11	VAP	VPP		
93	VANHALI DHRUVESH	p	Nap	Aph	ALL	1 VP	VO	VI	VA	111		
55	PARE PAYSES		1									
56	PARKAR PRIVATIKA			-		-						
57	SAPATE DORRED		-	-	-	-						
58	SHE'DE BUTIK A			1		100						
59	GLOWADE KARUNA 6	130	1	16 5			A.	3.7				
69	GUPTA PRITTI G.			-				1.5				
63	CHAUHAN AKSHAY		- la	dru	N	do		Cha	du	Chan	-	
62	AHEN GAUTAN	100	Tyw	CVE		-						
63	PAWAR RAHUL	- 17.1		-								_
65	MURUPKAR ANIKET											_
65	SHADAYE BHAKTI			100		1						\rightarrow
67	KALEPKADEEP										\vdash	+
68	GHARAT HITESH										-	_
69	BHANDAU PRADE										-	+
70										-	-	-
	Lice			1	133		1		-			+
									-	-	-	-
						1		-	-	-		+
	NO OF STUDEN	IS PRESENT					_			-		
Si	Trate	Time					TOPICS	COVERED				
1	22/19		Po	refer	0 +6	pol						
2	2219		7	rour	us to	>v/						
3	nllo		-	Hon	ch	art	wer	Hng				
4	4/10		4	low	d	act	coxi	Hry				
3	1110		P	CB	Lay	ero						
6	u 10		1	ceyeo	eralo	ou	do	desig	Han			
7	25/10		7	B	me	hisol	, ,	trail	4 n	ulo		
-	25/10			IPC	670	nola	relo					





VIVA Institute of Technology, Virar S.E. ELECTRICAL (2019-2020)

SUBJECT: SUBJECT INCHARGE:

H.		25/14/19	N/ 1+1	· 10/15	14/1915	14/10/19	4/1/1	\$1/6/19	3//1/19	Р	C	_
No	line		1	Legit.	N	4					_	L
1	CHOUSIAN SANGITAPREM NARAYAN	400	PCS	R 34	ass	C29	C9x	1C>1	CZP			
2	GURDLE ADITT SURVAKANY		1	1	1			4				
1	CUIPTA AVINASHIKUMAR SEWALAL											_
4	JADIEAV SIDDIEANI.			1			1		1			
5	CEMBLE SHIVETA BARENDRA											
6	PSPEDAYAT SPLETISH RAVINDRAY						1					
1	PASSETE POSTA KIRANE											
8	PATEL ALPESH MUKUNO											
9	PATE THAVE NARTAND			1		1 8	V		1			
10	CATIL SANKET NOMAN	2.8	Sul	Caf	So f	Sol	Sol	See	25			
11	PAWAR FALGUN RANCHAPERA	17	LA	FAR	FA	I I	4	110	FARO			
12		POL	du	And	Din	PM	PM	DAM	PAU			
13	FINIPLE TAKAY BARENDIA	Dha	ort.	Tohu	Plan	10h	DV	pnot	Town.			
14	RAWOOL PRATHAM PANDHARINATH	4	1	0	1	1	1	1	,			
15												
16	SAWANT PRATIC RAVINDRA					-						
17	SHINDE RAJ SATISH	1 400	1 1 4	200			-42					
18	PODJARI SNEHA DEVRAJ	Pall	Parel	Onla	Dell	Pus	Pas	POUT	Post			Т
19	THAKARE BRAVESH SHREKANT	170	1/02	400	rec	TOR	tree	1700	Tel			
20	THAKARE CHETANA NARAYAN	Inco	VED	VIBS.	105	100	105	1100	103			
8	UPADHYAY ALOK B.	8.16	140	N.			100					_
	VEOGA ASMITA RAMCHANDRA	Veda	· A	Vest	A-	Veden	A	That.	1/01			
-	VEKHANDE PRATHMESH PRAKASH	- Com		V-Gr.		1		1				
+	VISHWAKARMA PRINCE KUMAR R.	lou	1 bx	TOR	A	1.06	vet	VPb	1/Pk			
+	YADAV AAKASII SATISH	MP	VP	MY	4	14	4 ~	410	417		\neg	
+	SANKHE YUGAN	South	Calv	Call	South	Soul	Souli	Sul	Sull	_		
+	SHI PRAVIN	DOUR.	3000	your	an	- Eur	-		50.74			
+	GUPTA SIARSHAL B					16.6					\neg	
+	SHOER AMISHA D.									1	\neg	
+		1	-		5	- 15				161		
-	MAKWANA PRATIK B										1	
+		Tak	Jack	Tark	Tail	Tout	Λ	Tall	Tail		-	_
-	DANK PORTHB	1000	pur	·	Towns	- Jour	4	Lance	-190	-	-	-
+	PATIL RUSHIKESH K										-	-
+	DHANAVE CHETAN F		-							-	-	_
+	PAZE ASHUTOSHIN	nAn	MA	11/0	174	IMA	1110	HAP	11.10	+	-	_
+	HIDARA ANGT R	MIK	MAK	MAL	MAIC	MIL	MAL	MAL	MAKE	+	-	_
+	ANUAN MINER						- 19	25		-	-	_
+	ASE NITESH BHIKAN									-	-	
10	UMBHAR VRUSHALI B											
1	ELPAGA SUIJEKHA C										_	
S	AWANT ROHAN V	0	70	0	,	24	d	01				
D	DUSANA JITESHA.	Bey	Br	402	Br	Bhi	Khy	Bhy	٨			
11/	AUT KALPITM	0	- 1	0	~		0	u'				

44	PATIL DAKSHAT II										-	-
45	PARADHI SHARAD G											+
16	SHAMVAR CHENTU D										+	+
47.	OHA VISHAL S			warene e					-nh	towal.	-	+
41	MADIYA MILANK		MM	MM	MMK	WAY	MMY	MNA	MIN	BAK	-	+
49	BHARAKHADA ASHI	3H		BAN	BU	RIM	BALL	KHR	BAK	RHA		+
50	SEJPAL HARRISH	121	13	200			-		1		-	+
51	KAPOULE DMKAR						4				-	+
52	TAMBE AMAY ASHO	00									\vdash	+
53	JADHAV SAMKSHA										-	+
54	VANHALI DHRUVESI	H P									-	+
55	PATIL PAYAL S											+
56	PAWAR PREVIOKA										-	+
57	SAPATE BOHLT D										-	+
58	SHINDE BUTIK A										-	+
59	GAWADE KAEUNA G	1		-								+
60	GUPTA PRETI G.	0.01	919	111	13		1 18				-	+
61	PAWAR NIRAJ									1	+	+
62	CHAUHAN AXSHAY	100	On	4	-	Chan	1 4	thi		Oven	-	+
63	AMIN GAUTAM			1		1	1				-	+
64	PAWAR RAHUL		_			7					-	+
65	MURUDEAR ANKET		ou		ald		0.1		Bkhai	ole	-	+
66	KHADAYE BHAKTI		Bkh	4	BKho	4	Skhe	1 4	Ekhau	Khu	-	+
67	KALE PRADECT	100	-		21	5					-	+
68	GHARAT HITESH	141							-	-	-	+
69	BBIANDARI PRADIP		1. 1.	-01 to	A . 1	a. 1.	Opel	mal	no.t.	Opah	-	+
70	PATIL ONKAR		plus	Oyan	Opan	Organ	Uperla	pen	Ukon	Gar	+	+
		-	1	,	01	1		-				
			1		-							+
	NO OF STUDEN	TS PRESENT										
Sr so	Date	Tiesc	1	7.10	a a	7 31	TOPICS C	OVERED				
i	25/10		la	6 %	ralloce	. 8	orion	0				
2	who		-	-	ioni							
3	26/10		1		m	-1						
4	26110		1			1	saction.	,				
5	2011-		_	-	eignin	- 1	and	-	crtier	2		
-	26/10						onte	_				
6				gole	on	7 1	y prod le	5 hard				-
7	31/10		The state	honi	-)		-				- Cal 12	

Bast.



VIVA INSTITUTE OF TECHNOLOGY

(Affiliated to University of Mumbai; Approved by AICTE & DTE)

Veer Sayarkar Marg, Shirgaon, Virar 401303

Department of Electrical Engineering

CERTIFICATE

This is to certify that,
Mr./Ms. Thakare Chetana Narayan
of SE Electrical
has successfully completed value added course on
"Printed Circuit Board Design"
organized by

Department of Electrical Engineering for A.Y. 2019-20 from 5th Jul 2019 to 31st Oct 2019.

Barrl.

Prof. Bhavita Patil Course Coordinator Been

Prof Bhushan Save Head of Department



VALUE ADDED COURSE

Name of Course:	Electrical Safety Practices	Branch:	Electrical Engineering
Duration:	30 Hours	Coordinator:	Prof. Pratik Mahale
Date of Commencement:	5 Jul 2019	Date of Conclusion:	4 Oct 2019

	Course Outcomes
Upon su	ccessful completion of the course, the student must be able to
CO1	Understand the Indian power sector organization and Electricity rules, electrical safety in residential, commercial, agriculture, hazardous areas and use of fire extinguishers.
CO2	Outline the electrical safety during installation, testing, and commissioning procedures.
CO3	Make use of specifications of electrical plants and classification of safety equipment for various hazardous locations.
CO4	Distinguish various fire extinguishers and their classification.

	Syllabus	
Unit No.	Contents	Hours
1	Introduction To Electrical Safety, Shocks And Their Prevention: Term and definitions, objectives of safety and security measures, Hazards associated with electric current and voltage, who is exposed, principles of electrical safety, Approach to prevent Accidents, the scope of subject electrical safety. Primary and secondary electrical shocks, possibilities of getting an electrical shock and its severity, medical analysis of electric shocks and its effects, shocks due to flash/ Spark over's, prevention of shocks, safety precautions against contact shocks, flash shocks, burns, residential buildings, and shop.	6
2	Overview of the Safety Model: Wiring and fitting, Domestic appliances, water tap giving a shock, shock from the wet wall, fan firing shock, multi-storied building, Temporary installations, Agricultural pump installation, Do's and Don'ts for safety in the use of domestic electrical appliances.	6
3	Electrical Hazards recognizing and Evaluating Preliminary preparations, safe sequence, the risk of plant and equipment, safety documentation, field quality, and safety, personal protective equipment, safety clearance notice, safety precautions, safeguards for operators, safety.	6
4	Controlling Hazards: Safe Work Environment: Hazardous zones, class 0, 1 and 2, spark, flashovers, and corona discharge and functional requirements, Specifications of electrical plants, equipment for hazardous	6

	locations, Classification of equipment enclosure for various hazardous gases and vapors, classification of equipment/enclosure for hazardous locations.	
5	Controlling Hazards: Safe Work Practices: Fundamentals of fire, initiation of fires, types; extinguishing techniques, prevention of fire, types of fire extinguishers, fire detection and alarm system; CO ₂ and Halogen gas schemes; foam schemes, Ladder safety fact sheet, Avoid wet working conditions and other dangers, Avoid overhead powerlines	6

Learning Resources

Text Books:

1. Rao, S. and Saluja, H.L., "Electrical Safety, Fire Safety Engineering and Safety Management", Khanna Publishers, 1988.

Reference Books:

- 1. Cooper. W.F, "Electrical safety Engineering", Newnes-Butterworth Company, 1978.
- 2. John Codick, "Electrical safety handbook", McGraw Hill Inc., New Delhi, 2000.
- 3. Nagrath, I.J., and Kothari, D.P., "Power System Engineering", Tata McGraw Hill, 1998.
- 4. Wadhwa, C.L., "Electric Power Systems", New Age International, 2004.



	ECT INCHARGE: _	(-	1	_						16.0	- 1-	-	-	
R.	Name	5/911	3 /07	19 57-9	no 12/8	419 By	310 3	1919	109/	19 MA	19	P.	C	1
Na.	Time	1	11	e .				1.			4	-		L
1 003	RE SHUBBOM SHANKAR										_	-		_
2 00	EEE SARVEOLVINGO.												_	L
2	GRE REMD PRASAD	2cu	Ne Ba	wella	une Be	en B	epus P	Leuju	Bou	u Bay	u	_	_	_
4 (0.0)	DOSOT PANAS ADDIVATE					0	0	.0	1.	Jac	1			
2 ani	OUR NATTIK GAMESH	497	(gni)	den	sol m	K Die	23	心	377	也的	4	1		
6 00	SULVALLA DE VANCETE SURPRIS		1	-				= 1 517				1		
± 400	TOTAL PROTEST ADMAN		1									1		
8. 10.0	CALE DHIRA) RADU											1	_	_
\$ Oth	URASIA DIVAMENDIO										_	1	_	
MON	WAN DEEPALIKAD	CDK	200	D CD	TP CP	P -	-0	PR	CDI	2 CON	4	1	_	
11 CHA	VAN MATUR VIJAV									1	1	1	1	
12 CHA	VAIR RUTUR AJAY										1	1	1	
13 DAI	IDEKAR CHUWAY	_	_			10		-		0	M	-	_	
LA DAR	VADE POOJA PRAKASH	Deu	ilb	1.00	ul Don	dillo	U)	nell	Upre	Albere	4	1	_	
IS DAY	ANT DHAM RAISH	1000		1	-	7 07500	_	-	25-1100		_	1	-	
16 O€H	ERIKAR YASH WARESH	77.1			1		1	3.7			-	+	4	
17 DHA	NGADA AMNASH GUVIND	14					_				_	1	4	
18 DHD	KTE VIPLESANDEEP	A 1-10	11/								1	1	+	1
19 CAN	CAR JAGRUTT SURESH	1		-			1		_	-		1	-	-
SVD.	NKAR ONKAR VOAV	Beelv	Cecu	4-10	Weel	W	50	whi	-alli	Gert	4_	\perp	+	_
d Gavi	LEANGET HIRESO											1	1	4
on.m	EE LAXMIYDAY			_	-	-	-				-	-	-	-
3 miles	AUGUFA AUG	1			-	-	-	-		_	\vdash	⊢	+	
a cont	TA RAJERDOL BASHISHT	1. 1	1		-	-	00	A	- 00	O A			-	-1
s GUPT	A RECHA SHUKUHAR	(July 8	Sup	Cul	14-	(sur	1-0	19	me	-dull	1	⊢	+	4
-	L DOWLI GANPAT	HOP		HA	4-	HA	-	7	HIGH	HIE	-	-	+	4
i KALBA	M AESHWASTA MANGESH	-			1		-	-	. 1.	1			1	4
KAME	RICAR VRUSHADH MAHESH	Koma		Karl	1-	Kan	V -		Carry	rand				4
KANA	DE SAMBATHIRI SUNT.						-				_	_	+	4
KHAD	E PRASHANT P				-	100	-	-			_		+	4
EBLAN	CE VASH (V PLANCO	- 1		1	1	1	-	-					1	4
-	CAR KUSHAL VILAS	-	-				-	1					1	4
-	AN OHJRAC JAGDISH						1						1	
-	HANNETSTAN.	12.00	Por c	Com	can		000	15	WENT !	CHINE .				
-	OLKAR SACHEN DENKAR.	Sopri)	ממע	SHA	SOF	-	SDI	1) (5)	BD)	SUPI	11		_	
MISION	A SAMPETPER PROMOBIL				-	-								
-	CAR EACHER SHEVRAN													
1	ETKAR ASHISHKUMAR A	0.1		. 0 10	011	0.11			1					
PATIL A	HTARAWHETV ANDQUADE	Paril	- 1	ari H	Pati	Patro	Pahi	A Pa	thip!	Patrick				
PATE A	SHUTOSH SANDEEP				an av	(4)	,	1		2				1
PATILIPA	EAMOR IGUIESIF													
PATE P	RATHAMESH KANTI													1



16 1	EENERAR ONKAR A	NANDA						-		_		1
15 1	ANT NETRA FRAKA	SH						_				
16)	ATHOU PRASHETLY	LATEST					_		-			\rightarrow
17-3	ARPAL TEJAS RAME	HAMERA					_					\neg
(8)	ALLINGHE RIVA BH				2 12		ton 4	1	Ten Tar	DIEN	-	1
19	AMANT AADSTVA	SERISH	2-timet	1-	Delnin	1-0	WHI	न्मीन	747	一种时		+
6	SASE PARAS RATES	er .			1			***	- AN IA-1	- 1		+
91	SAWART BRAVANA	JAYFRAKASH								_	-	-
52	SAWART SANKET D	AYARRAYA								-	+	-
53	SAYYED NEWAL IM	91							_	-	-	+
94	MARPOOLEMERS	ff .			100				-	-	+	+
98	STATES MELLANDES	DAKA							-			-
36	DUADLEMORANME	YACUT							-	-	-	-
57	STREET SCHALLESS	RDAN						_			-	-
_	SINGILADA SHKUM							-				
-	STINGH PRABLEET I	Liver and the second	-							0.302		
60	CINGH PRIYA SHU		-		-						-	
61	SOLANKI VIGHNES		-								1	-
-	SOLIM HITESH RAN		-		-		-				\vdash	
	TAMORE HIMANSH	and the same of th	-									
	UPAZBIYAY VINAY		1/23	VDS	VAPI	VADR	VPS	1/21	MH	VPS		
33.4	VICHARE FRANIT S	110000-200	Aba	NA	MIZ	110	V.	1	1	11		
46	VISHWAKAKMA BRU	211112131313131	1 1		Pinte	MAKIN	unt	ained	MAK	deplan		
	WANKHEDE MANIS	H PUNDUK	- Mari	-	Physical	CAPTON	0.00					
68	NAIK SUKAPPAN	and the second	Chi	Con	SBN	Chal.	50.	-	STIN	SPM		
70	KAUT SPURTER	_	SKIN	O DIE	OBA	01513	Gian	W.	- Jack			
71	SHIVNEK AL VISION	ity	_									
-	PANCHAL JATIN V.		1				- 3					
73	MUNCEKAR ASHISS											
74	RAMPISE ROBLAN J							1 .		-		
	IAISWAL AMETRUM	UE:	Jam	-	fault	Jour	Jourt	Josh	d built	Jaw		
	NO OF STUDES	VTS PRESENT	1			0	0	0		52		
Sr	Date	Time					TOPICS C	OVERED				
10	05/4	1130	In	tradi	whe	nl	Ε.	afet	29			
	0914	2130	1.749	and		ith	PA	V				
2	-	-	_				- 70					
3	05/07	3:30	11.	upi		100	fely			4		
4	1917	1:30	pi	nery		Cof _		end-	7	the	000	-
5	19/9	1:30	toe	ola a	, ,	wel			10			
6	1919	3100	410	19h	and	81	ack	over	m			
7	26/9	1:30	Say	ely	n	noof	4.			1		
	2619	2:30	coin	ine	an	d	fi H	ing				



VIVA Institute of Technology, Virar T.E. ELECTRICAL (2019-2020)

SUBJECT:

N.	Name	17.9	70 P.60	719 14A	476 6TH	119 2.8	119 7.18	119 1.18	119 7 /8/19	P	e	1
No.	Time			011	The same				_	-	-	-
1	AGREE THE THEAM SHANKAR.									-	-	⊢
2	AYERE SARVESS VINOR									-	-	
3	BAGITE NINAD PILASAD	Por	10/2	au Ba	mu-B	we B.	au Bay	me Ba	pe Ban	4_	-	-
4	TEALDIGADE PAWAS ADBIATH		N			1		1 .	10	_		-
5	RHOSK NAITSK GARESH	197	M -	- Dri	- K	- 941	1 3-11	734	2012	1		_
6	DIR DIA CALLA DEVANGEL SURESH	10.11	-		,			-				
±	BURNELL MITALLYADAY											_
8	DUKALE DHIRA) KADIII											
9.	CHACKASIA SHINAM RANDET					1 3					-	- 1
10	CHAV AN DEEPALDRAND	00	20	PLCD	RICD	P CD	RCDA	-00	COR			
i i	CHAVQUEMACUS VIIAY											
12:	CHAVAT RUTUJA AJAY								7			
13	DAVDEKAR CHINHAY				A	N	1200	1 -	1-			
14	DARADE POOJA PRAKASH	Da	O Da	wh Da	ade Da	/ Da	VI Don	elles	ed Dond			
5	DAYANG ISHANGRAJISRI						7					
16	DEHERUKAR YASH NARESH		Tive									
7	DITANGADA AVINASH GOVIND		1					4				
8	DECKTE VEVE SANDEEP				E 1/1							
9	GAIXAR JAGRUTI SURESH					1027		0				
0	GAONKAR ONKAR VIDAY	Carl	N/On	A Coul	1. Gent	W-in	Want	Wani	Ger			
+	DAVIJ ANIKET SURESH	1		ZIS SEA				1				
1	III.III.E.LAXMI.VUAY			_								
- 1	EUPTA PUTAATUL											\Box
+	JUPTA RAJERDRA BASHESHT	1 .				- /		1 1	0		\neg	
+	CUPTA REEMA SHEVALIMAR.	- CUER	G	J. Guy	1 Jul	1 Coul	(Truste	Cierks	\neg	\top	\neg
+	ADAL DIPALI GANPAT	TIV.	AL	THIE	417	14116	HY	THIY	HU			
+	ADAM ASHIVARYA MANGESHI	nec	A	ALLA	11110	VIVA	CILA	TIES	- Car	_		
+	AMERIKAR VILISHABH MAHESH	Van	l Va	Johns	J. Vay	1 Vac	Want	the Kou	Kan	1	+	\neg
+		4 con	H-PA	wiles	dotore	Ferr		7.	1	+	+	
+	ANADE SAMRUDINE SUNIL				100		19					\exists
٠	TADE TRASPANTP					-				-	+	\dashv
+	RANGE VARHAV PRAMOD	-	-	+	-		-	-		+	+	\dashv
1	SLINGAR HUSHAL VILAS			1	-		-			-	+	\dashv
-	ITITAN DHIRAI IAGDESH	_		-	-	-	-			-	+	-
-	SCHILL PAVAS PRAVIN	rather.	200	COM	CHAIN	COM	CHANT	conne	20m	-	+	-
36A	ROOLKAR SACHIN DONKAR	2141	SON	18011	SUM	2017	SDAY	SMI	Spril	-		
AU	UDIA SANDEEP DIDIKAMANI			-								
1.03	NDCAR SACION PHINRAM											
FAC	THATEKAR ASHISHKUMAR A											
PAT	TIL ANDRUGONA VESHWANATH	2.1					Senior of A	- 11	1			
PAT	TL ASHUTOSH SANDREP	Valat	Pakil	Patil	0-	Pary	Pahil	Patrif	Patrio			
ILAS	IL PRANCO ROJESH			1		, ,	-	1	1			
TAT	IL PRATHAMESH KANTI									1		
AII	L SICHBAM JAGANNATH								-	-	-	-

4	PEDNEKAR ONKAR AN				-							
5	RAME NETRA PRAKA	SH				_				1	_	-
16	RATHOD PRASHEEL R	AJESH			-						_	-
17	SAIDAL TEASRANCE	HA/TRA	1000					MY COLUMN				-
48	SALUNKHE RIYA BH	ARAT	kut.	146	Dil.	Inti-	2017	Julion	-	HH1		
49	SAMANT AACITYA G	axish 4	and	xtipo	व्यामान	2 19 11	- And	01		V		_
50	SASE PARAG RANS		J		CV	- '		-		- /-		_
51	SAWANT BHAVANA		-		-							1
52	SWINANT SAMEET DA	ATTATRASA	1									
53	SAFYED MEHAL IMA	10.	-			_						
54	SHORTHOODS MORES	1			-	-						
55	SHARDEMORADICATIE	1003	-		-		-					
56	SKARH MORAMMED	YAKUS				_	-					
57	DITINDE SURAJ ZANIJ	NDVOV.								100		
58	SONGILADARSHK (PM)	AR ARDN			_	17. 1						
59	SINGN PRABMET N	ASSGR					-					
60	SINGH PRIYA SHUU	PRAKAYAN										
61	SOLANKI VIGHNESI	H DOLIP					-					
62	SOLIM HITESH FAM	CHAMORA										
63	TAMORE HIMANSHI) KIRAN					_					
64	UPABHYAY VINAY U	IMESH	1	100	m	1/12/	VOL	VPS	VIPE	VPS		1
45	VICHARE PRANTS	UHAS	VIS	MA	MO	VPJ	VP3	VIJ	113	1		
66	VISHWAKARNA DEL	RESIL RAMESH	1.7	10	1	-	-	- Charles	900	Device		
67	WANKHEDE MANIS	H FUNDLIK	enterin)	CHILD	-	andhi		Carrier.	110 00	2010		
68	YADAV PANKAJ S				- 0		Can	00.	SBNa	Clari		
69	NAIK SUKANYA D	- 10000	Sark	DON	Subu	/	DEN	SEN	DONOU	DDIW		
70	MAUT SPURTES		187					-	-			1
78	SHIVMERAR VISITERS	D.				-		-	_			
72	PANCHAL JATIN V											
73	MUNGEKAR ASHISH						-	-				
74	RANDOS RUHAN Z		Jagn.	,	-	T. A	Total	Tidil	Tuto	Tout		
75	IAISWAL AMITKUMA	MA:	Hagim	Hamu	James	Jegil	Jasi	JOHN	PMI	Joseph		
	NO OF STUDEN	ITS PRESENT	Υ			8 _ 101	3					_
Sr	LPINE.	Time					0.00	OVERED				
100	2614		1100	ter	tau	k.	we	LB, U	vet	bod:	es.	
1	-		To		iron	POLL	A-15 0	n,				
2	218		10	1	Little		000	411	tions			
3	218		79	neu	1700	1	773	1	0 0	A.		
4	2/8								20	, de A		
3	918		Pre	lini	me	1 .	book	pour	tions			_
6	918		Sa	fe	seg	heri	e. ofte	Der 1	plan	rs.		
100	918				rei		1ani					
	1710 1							Q.	oafu	17		
7	619		-++	old	90	robit	4	4 "	set de	7		



VIVA Institute of Technology, Virar T.E. ELECTRICAL (2019-2020)

SUBJECT: SUBJECT INCHARGE:

N.	Neme	11	1/19	9,60	9 60	1/19	6/1	/19	6 91	9 31	7/19	3,9	/19	139	9	P	C	
No.	Deep				T										4			
1	AGRE SHUTHIAM SHANKAR										15.				_			I
1	AVERE SARVESE VINOR																	I
3	BROWE MINAD PRASAD				1					1					1			l
4	BULLIDADE PAWAN ACREATE		2						_				1	0	T			I
5	BHOSE MAITIK GAMESH	av	1	swe.	2	V	die	2 9	100	194	ارد	ant	2/6	11 2	1	\neg		Γ
+	DIDBAWAILADEV ONCES SUBERR	-	-	10.7	70.	2)	0 110	170	, P	1011	9	-11	4	-	1	7		Г
7	HOROLE MITALI YADAV				-		7.	-		1	1		+	7500	1	1		
8	BUKALE DHIRAJ RAZI	DB	0	-	100	200	nA	0. 1	D.	DB		N2		Day		†	-1	-
9	CHAURASU SHIVAM RANDET	EN	140		100	PU	DE	A A	DI	400	MAN,	JO	ny.	40m	1	+	1	-
11	CHAVAN DEEPALI RUJU			7 10	-	-		1	_	-	+	_	+	_	✝	+	-	_
li	CHAYAN MAYUR VIDAY	Mu	mi	-	nn.	.0	Mai	A.		May	1		- 1	1	-	+	-	_
12	CHAVAN RUTUSA AJAY	1.10	1140		Ma	W	Lia	14-	_	THOM	4		1	lava	1	+	+	-
-	DANUEKAR CHENMAY	15	0		13	1	0-	110	10.1	lon	A	10	A	106		+	+	
	DARACE POOJA PRAKASH	10	W		10	W.	in	44	ay	4 Les	щ	M	41	W	-	+	+	_
	DAVANE ISKANI RAJESH		-					-	- 44		+	_	+			+	+	-
	DEHERIKAN YASH MARKSH	Ud	N	_	N/	nt s	1417	11.	NIN'	VIII	V	K Th	110	N		+	-	_
		YM	14	4	JAN.	UN.	1/41/	ny,	nu	M	h)	NU	n- 1	NU	_	-	+	_
3	DHANGADA AVINASH GOVIND		-		,			1	_	1	- 1	_	-			-	+	_
-	DHOKTE VIPUL SANDERS		-	_		-		1			+		-			-	+	_
9	GAIKAN SAGRUTI SURESH	-	1	_		-	_	-	-		1	_	1	_	1	1	1	_
1	GADNKAR ONKAR VIJAY	6	SP.	30px	2	D	1	1	1	100		7	1	-		_	1	
1	GAVLI ANIKET SURESH	20	(40)	SIDAM	19.19	106	TOP	V081	deno	60	493	100	4				-	
-	GILBILE LAXMI VIJAY	-	1			1		-			1			_				
-+	GUPTA NEYA ATUL		1			-		-			_		\vdash	_				
+	GUPTA RAJENDRA BASHISHT	-	+			1		_	_		1			_			_	
+	GUPTA REEMA SHIVKUMAR	_	1			1		-			1							Î
5 1	HACAL DIPALI GANPAT	100	4					_	4		-	1				9		
1	CADAM AISBWARVA MANGERI	MA	de	Mkah	Pkox	41	Kak	MX	ada	MKG	419	code	ME	alu		Ug .		
1	KAMERIKAR YRUSHABH MAHESH	1	_	1	1	1	1		1	1		1					Г	
1	CANADA SAMBODHOU SUNT.	ppy	70	ms	port	100	ms	obje	\$1	gh/k	9	Ins	-	$\overline{}$	-			1
K	DINTE PLASEANT P				15													1
k	DEANGE VARIETY PEANGO				2.								1	1				1
×	OLEKAR KUSHAL VILAS	_											4					1
0	OFTYAN OHIRA) JAGDISH	KDE	1 -	-1	$3D_3$	K	06	KD	GK	COG	P	10	#1	12	1			1
Ŀ	DACHER PAYAN PRAVES										1		-		1			1
16	ARDOLKAR SACKIN DOWAR														1			ł
ı	DUBLA BANCKEP INERAMANI													-	+		-	1
10	ONDICAR SACION SHEVIKAM				erv es			Č-on							+	-		1
1A	CHAREXAR ASPESHOUMAR A	PAN	P	AH I	AA	DE	#	DAR	1/	AA	BI	4	DA	1	+			1
PA	TIL ANDRUGOHA VISHWANATH	1	1	'		1	-	Pill	1	MII	FA	11	m	-	+	-	-	1
FA.	TIL ASHUTOSH SANGEEF											-	-	+	+	-	-	
PA	TE PRAMOD RAMESH	Bank		- 1	συΩν	Bett	0	bang	2.10	rough	0		4	0.	+			
PAT	TIL PRATHAMESH KANTI	1	1	1	1	Dov	71	Oury	-	True I	130	yes,	2300	14	+			
-	TE. WERRHOOF FAGANNATH				11/4	-	-		1	- 3	-	1				- 1		

4	SELVIERAB (SKAR AN	NDA.								-	-	
5.	NAME NETTA PRAKAS	4		_						-	1	
6	KATHOD PRANHEEL RA	7591		_						-	+	
7	SAKINAL TENS BAMOS	ANDRA		_						-	+	_
8	SALUNKHE RIYA BHA	TAT		_						-	-	1
19	SAMANT ANDITYA GI	RISH	-	_	-		015			-	-	
90	SASE PARAG RAIESH		-	-						500	-	1
51	SAWART BRAVARA		h	Ceb	SSP	S.8D.	5.S.D.	S.S.D	S.S.D.	2813	+	+
52	SAWART SANKET DA	TTATRAYA	5.5.0	24 K	22.6	-				_	-	+
4.5	SAYYED NEMAL DOOR		-	-						-	-	+
54	SEAR POOLS NORESH			-						_	-	+
55	WITHOU MUTAMBLED	ANAS	-	-						-	-	+
54	WOULDER MICHANIMED	YAKUB	-	-						_	-	+
57	STOREDE SURAL LANGE	D/QS		-			^	_	0	0	-	+
53	SPICILADARSHRUMA	R ARUP	10	-	22	6131	Pisi	15:51	PPI	150	-	+
59			10101	1	100	Piel	4			1	-	+
61				-						-	+	+
63			-	-	1	1	1	1	1	17	+	-
63			1	1	MITO	cours	ribin	HIGH	TIME	LIIA115	+	+
16			chart	1	5,116-22	1				-	-	+
6	4 UPADRIYAY VINAYE	MESH		-	4.14		0.1		- K	_	+	+
0			-	K	1	1	1	1	1	Amay.	-	+
6				N -MEN	un course	Chole	ding	المرامر	Samo	Salara	-	+
6	T WANKHEDE MANIS	H FUNDCIK	- SVVIII	Some	7					-	-	-
4	N VADAV PANKAJS		-						_	-	-	+
4	SAIK SUKANYA B		1 100	1	1 -0 ?	198	0.00	3	-	-	-	+
1	D BAUTSPLEATS	A-1915 - 1915	-						-	-	-	+
Ŀ	TI SHLVNEKAR VEHNO	В	_						-			
1	2 SANCHAL JATIN'S	_	_						-		+	+
Ŀ	T) WEINGERAR ASHISH		-					-	-		-	1
1	74 KANWESE ROHAN J		_						-	-	\neg	+
L	IS INISWAL AMERICAN		CHI PLE	1			18.1	1				
L	NO OF STUDE	VIS PILESENT						COVERED				
-	Sr Date	Time			1			0 /	anda.	nert		
F	619		Pe	Soon	al	2001	whn	- 1	7.1	- 1-		
1	-	7	111	ear	and	1 no	HU	211	egno	reen.	_	
	: 619		11	-0.0	2	, 0	ones	0	, 1,	mert viels. 2		
	1811	- 141	110	1200		01.		-	-			
1	1319		890	ach	, 7	naor	eve					
ŀ	1 1319		do	roru	9		,			Is a No	. ,	re L
1	. 2019		E	lacti	Scal	pe	ani	0 9	per	lice tia	£10 S	10
1	Cold		H	vzau	Done	190	roes	and	1 1	Ter:	1 -	
-			1	ausp	mu	ul	cla	vsifi	cert	ol		
1	1 2019		12	1-1	1					D	aha	de.



VIVA Institute of Technology, Virar T.E. ELECTRICAL (2019-2020)

SUBJECT: SUBJECT INCHARGE:

n.	Name	14/9/19	10/9/19	10/9/19	277.919	19/19	199/19	4 /6/19	M / M9	P	C	1
No.	Tier										_	H
1	AGEE SHOUTHAM SHANKAR			Tooley	20.000			-	2017	_	_	H
1	AVERE SALVERI VINO	SAY	-	SAV	SAV	SAV	9W	SHV	SAV			_
1	DAGWE NINAD FRASAD	1		-	1000	1	27,512	333	1000	_		_
4	BIQLUGACH PAWAN ADDIATH	10					.0	10	10			
£	EMOIR MAITIK GANESH	Sing	1	91150	2112	3112	31134	HARE	9112			
6	BRURAWALLA DEVANCIE SUBESII	Tu		0.00	1	1						
1	BORGLE METALI YADAY											_
*	BUKALE DHIRAXBANI	355				_	_		0			
9	CHACICASIA SHEVAM RAMBET	200		PIN	-	BAIN	Blat	-	24/2			
10	GRAVAN DETERMENT	100		E 1 4		1-1-4	1 9		11			
11	CHAVAN MAYUR YUAY											
12	CHAYAN RUTUN AJAY										\neg	
ø	DANDEKAR OHINNAY		111	1160		1090	7.61					
14	DARADE POLIA FRAKASH	-										
15		Come	Dave	Don	Dest	Dame	Dan	Dave	Danie			
16	DENERSKAR YASH NARESH	Dank	pane	Dams	Juna	Dank	- Day	- Devi	LATIN			
		-				7	-					
17	DELANGADA AVINASH COVIND			-	V 2. C	Joseph Line	Vilori.					
18	DENORTE VIPUL SANDELP									\neg	\neg	
19	GALKAR JAGRUTI SURESH	-								\neg	1	
20	GAONKAK ONKAR VIJAY			Table In			1.3					
21	GAVLI ANDRES SUSESH	-					1				1	
#	GEBEE LAXNE VUAY	Bolow	-	Do .	Ob.	Polin	O.C.	200	Polano	-		
13	GUPTA PRIYA ATUL	prom	-	pagy	Loud	Aglin	0.14	Tarage	1 ~ 4	-		
24	GUPTA RAJENDRA BASHISHT	100		,	1	-				-	+	
25	CONTROL OF CONTROL	-	-			1		-		-	1	
26	HADAL DIPALIGANPAT	-									1	
27	KABIM ABHVARTA MANGESH	-								-	_	
25	KAMERIKAR VRUSHABH MAHESH	-		-	-	-				+	+	
77	LANGE SANKUURE S.NII.	-					-			1	+	-
30	CHADE PRASHONTP	125.60-	15 D	1. 0	VIR	4.0	100	VNP	1/2		+	-
Я	EIKANGE VAIBHAY PRANCO	PV	111	M	FAL	EVI	FM	Pol	EVI	-	+	-
12	KOLEKAR KUSHAL VILAS	+ '					-	-		-	-	-
72	HOTIYAN DHIRA) IAGDISH	00.		nD.c		DOM		D D M	P O to	-	+	-
34	MACHINI PAVANI PRAVIN	P.PM	4 -	P.P.May	-	R.P.Ma	-	PPM	4. 4.1.4	-	+	-
35	HARDOLKAR SACHEN DIMKAR	-			-					-	+	-
36	MISHILA SANDEP INDILAMANI						-	-	_	-	+	-
37	MONDIEAR SACHEN SHOVRAN									-	-	_
JA	FACHAREKAR ASHISHKUMAR A						1				1	4
37	PATEL ANIRUDOHA VISHWANATH					-					_	4
40	PATTIL ASHUTOSH SANDEEF											4
61	PATIL PRAMOD RAMESH										1	1
42	PATEL PRATHANCSH KANTE										_	
13	PATIL SHUBHAM JAGANKATH											



44	PTIDNEKAR ONKA	ANANDA .	Nester	-	175/14	NSW	usur.	Usa	USO	Lyser	F	+
45	NAME NETRA FRA	WASR							-	-	+	
46	RATINO PRASIGN	B. TLAJESH						-	-	-		
47	SAKPAL IEJAS RA	MCHANERA						-		-	\vdash	
48	SALUNKHE RIYA	BHARAT					-	1		-	+	\neg
49	SAMANT AAUTY	A GIRISH						-	-	-	+	-
50	SASE PARAGRA	IESPI							-	-		\neg
51	SAWANT BHAVA	NA JAYPRAKASH					_	-	-	-	1	1
52	SALVANT SAIKE	AFASTATIANT	1000		1				-	-	\vdash	\rightarrow
53	SAVYED NEHAL I	HAM				-		0.1	0-40	Dark		\rightarrow
54	WEATHFORWARDS	258	Perge	Pergi	puye	Pocto	Pocye	pege	pour	POP	1	\rightarrow
55	SEABSEMOSSAM	ED ANAS	10	1 0	1 0	1 2	1 0	. 0	, ,		-	-
56	SHAMEH MOHAZY	ED YAKUB								-	\vdash	-
57	SIGNOE SCRALIA	NARDAN						0			-	+
58	SINGH ADALSHKU	MAR ARUN	11 12	0.	0	10	0	0	0.	Cint	-	-
59	SINGH PRABLEET	JAS8IR	(SIN)	page	1819	2421	मित्र	(0)	1901	10/01	-	-
60	SINGH PRIYA SH	UBHWARAYAN									-	-
61	SOLANKI VIGHNE	ESH DILIP					11000	000	TER Co	wat		+
62	SOLIM HITESH R	AMCHANDRA	HRSO	1418	-	HKX	HP80	HEXO	HEY	HIS		+
63	TAMORE HIMARS	HU KERAN	""								-	+
64	EPADRYAY VINAS	UMESH		-01			. 701	100	1701	vn	-	-
65	VICHARE PRANIT	SUHAS	NZS	VM	VPS	1	VPS	VIA	VFJ	NA	-	-
66	VISHWAKARNA II	LIJESH RAMESH	1	1.7	4	1	1		. 55		-	-
47	WANKHEDE HAN	ISH PUNDLIK	25/01/10	panala	and de	dibili	CALAN		-		-	+
68	YADAN PANKAI S										-	+
69	NAIK SUKANYA II			- 4		A 10	12 10	0 .6	0 10	1 11	-	+
79	RAUT SPEETIS		Rauk	Raute	-	Kaut	Routs	Kaup	Kauss.	Kaur	-	+
71	SHIVNEKAR VISIO	et p								-	-	+
72	PANCHAL JATIN V		11 (567)	W.C.	3017	-51					-	+
73	MUNGEKAR ASHIS	TH .	0.00			011	oor	ONT	ONE	ant	-	+
74	HANPISE ROBAN Z	370	KHI	KKI	RM	KHI	KKY	RRJ	149	KRJ	-	+
75	JAISWAL AMITKUS	(AR	4		,		-	•			-	+
	NO OF STUDE	NTS PRESENT										_
Si	Date	Time	1000				TOPICS CO	OVERED				
1	2719		Fir	e 2	end	1 mge	eter	Ь,	11 7 63			
2	plap	pri je	770	e 'i	witi.	win	0 0	and	- 12	pes.	0	
1	2919		Paris	ngui	di.	~9						
	4110		Porce	adra	m	4	Fire	e				
1			Tune	a.	and:	MIN						
5	4110		South	41	Pa.	5	she.	I- 1				
6	4110		The second second		Jule	-	3.45	~	-		_	
7	11/10		Regi	nis		_	_	-	-		-	-
8	4/10		sue	W. S	ran					0		-
_										1. 60	2.16	wh



VIVA INSTITUTE OF TECHNOLOGY

(Affiliated to University of Mumbai; Approved by AICTE & DTE)

Veer Savarkar Marg, Shirgaon, Virar 401303

Department of Electrical Engineering

CERTIFICATE

This is to certify that,

Mr./Ms. Hadal Dipali Ganpat

of TE Electrical

has successfully completed value added course on

"ELECTRICAL SAFETY PRACTICES"

organized by

Department of Electrical Engineering

for A.Y. 2019-20 from 5th Jul 2018 to 4th Oct 2018.

France

Prof. Pratik Mahale

Course Coordinator

BRED

Prof. Bhushan Save

Head of Department



VALUE ADDED COURSE (Online)

Name of Course:	ELECTRICAL INSTALLATION	Branch:	Electrical Engineering
Duration:	30 Hours	Instructors:	Sushant Bansal
Date of Commencement:	8 Feb 2020	Date of conclusion:	24 April 2020

	Course Outcomes
Upon succ	cessful completion of the course, the student must be able to
CO1	To understand practices followed in industries for safety of equipment and personnel.
CO2	To understand basic electrical and electronics concepts, devices and their electrical ratings.
CO3	To understand power transfer systems and their installation practices in industry
CO4	To understand documentation required for installation.

Course Objectives

The objective of this vocational course is to make students understand various installation practices followed in industries for electrical equipment. This course is designed to make students job-ready for the industry by instilling multiple skills in them like electrical drawing and reading, IEEE and IS standards followed in industries, documentation for industries, etc.

	Syllabus	
Unit No.	Contents	Hours
1	Health and safety industry practices The regulations, laws and guidance documents associated with the electrical industry, Use equipment on a construction site, Follow safety procedures, practices and policies on construction sites, Carry out electrical safety procedures and practices, Understand environmental protection, structure and roles of individuals and organizations	6



2	Electrical science Understand direct current principles, Understand electromagnetic properties associated with devices under installation, Understand electronic components required for installation with data sheets and drawings.	6
3	Electrical installation Tools commonly used in electrical installation practices, Erect cable containment/management systems used in electrical installation, Install wiring systems and supports used in electrical installation activities, Install accessories and terminate using a range of connections.	6
4	Power transfer technology Understand how electricity is supplied and the characteristics of consumer's equipment, Understand isolation and protection, Understand automatic disconnection of supply, Understand the principles of final circuits	6
5	Technical documentation with clients Understand technical information with help of IEEE standards, manufacturerguidelines, Drawings used to plan electrical activities, Types of financial information, Types of handover information	6

	Learning Resources
Text	Books:
	 Trevor Linsley, "Basic electrical installation work", 1989 J. B. Gupta, "A Course in Electrical Installation Estimating and Costing", 2013.
Refe	rence Books:
	1. Tarlok Singh, "Installation Commissioning & Maintenance Of Electrical Equipments", 2013 2. Brian Scaddan, "Electrical Installation Work", 2015



VIVA Institute of Technology, Virar

SUBJECT: Electrical B.E. ELECTRICAL (2019-2020)
SUBJECT INCHARGE: Sushant

R.	Name		12 Mg	7 919	17 719	12/219	179 249	11/11/11	IN AL	23/4/19	11
Na.	Time										\perp
-	AMDRE MITESH ADITYA	\neg				N o					
-		-1	an	0-	Bo	Bon	wor	Gor	Pon	Dru 8	
	BUHJUL DHIBAJ RAMESH	-	Oppo	Bo	W/00	800	ver	1000	1		
,	BILATICAL VINIT VINID	-					-	-	- 1		
4	BOBLIDE AKASH KAVINORA						-		-	-	-
5	CHAUDHORISISHANT							-	-	-H	-
6	CHALIDHARIPRASAD HEADIP						1			-1-1	-H
7	DADRELKAR-MAYER KRESENA		on	Boo	m	Dn	pm/	m 1	m 1	10/8/	+
1	DRANGAR BOHIN: KAJENDRA	1	1	1							\perp
-	DHANDHARDIK NANDKENIHR	+	-					1			\perp
-		-									
-	DHEIRI AMBETA SINE,	1	2	00	11.	610	er k	110	16	1/2/	
-	GADGEL GAVATRESCHE	1	4	Ke 1	4/1	4 12	a In	7/7	17	1	
12	DESCWAD ARASH			110	-	-	-	1	1	111	
11	CALENCED BANTOSH GORAKH				- 0	-		1 10	1,4	1811	-11
14	SAVADO ANKET EURONATH	10	91	A 1	A 4	9 4	7 0	0 40	de	11	_
15	ILL VINAY					1	1	11	-	+++	-
16	THE PREVANCE RATE	1					1	-	-	+	-
11	KIPTA GOR NOHAS						1	1		+	-
11 0	AUTA NASDEAL			5/1		1	1		-	01	
-	ADMAY CITERAG ERISINAVATI	-12	2 2	52/3	0	02	100	2	20	811	
-	ADHAY SODDARAN KAHOR						-	-	-	11	1 1
-	ACHAY FANNAY RAENIRA							-	-	111	
-	ANDEE SCHOOL DASAN							-	-	111	
_	HAN SHEEDAFATRIA ALI ARMED						-	-	-	H	
-	HARDISAN DAY	1			1	1	-	-	5 6	H	A STATE OF
1	CEAL RAVESHEARING	Bri	2	J 20	and	anl	am 5	Ben lice	2018	H	
	MANAGEM ANGREE VALUE				1		-	-1	-	+	
-	OR ASSET BURNORAN					-	-1	-	11	+	
	CARE BUSINESS EAST-CONSCION	0	S. Carlo				24 2	10	1 at	+	F
-	LASE AESBIRY AREN	900	177	90	80	200	120 00	3 100	181	+	
-	RANKEL.					-	-	+	11	+	
_	POWER SPERSON ROWSEAST				-	-	-		11	+	
-	SUPE NOTA BEAK		-		-	-	-	1	11		
3 75	TE CROMAT NAMES			-	-	-					
-	TERROMONEAS	0	0.	120	32. 5	218	W Zn	120	8		
		gaye	par-	647	F	1	1				
	PRINTED TANKY	-	-				1			_	
+	PAR PROPERTY AND AND AND AND AND AND AND AND AND AND	-	-						11		
+	FARTLING SAMERAN							-	11		
-	ME CO-CONTRANSIO	Jun-	an	enc	In C	m on	Con	car	11	-	
-	ORANGE STEWNS				-	-	1	-	11	1	
-	SV-NO-CETTER-HEIGHT-A				-	1		-	11		
	grad summer horse		- 1	- 1	1	1			_	7	

15.	CARHAVE SALDNEE SANDESH									\vdash	-
18	CEVACIA NIRAY RAJESHKUMAR									\Box	_
67	DHAROD KUNAL					Salar All F	VIII COL	25wnza			
a	GOHI, RONAK NITINEHAL .	B	3B	3	13	唐	B	8	3	0	_
49	GOUNDAE SHASHIDHARAN	1	1	0					7	\sqcup	_
50	GUPTA PICESH MUSAFIR										
51	IATRIAV SALAND										_
51	CESUR JAY JITENDRA	15	90	25	19	di	08	FP	10	8	_
50	KORE DEWANG MAHENDRA			1		-0	- 1				_
54	JUNAGARIYA NIKHE CHIMANBHAI									\Box	_
55	NAIK NEERAJARVIND										_
56	NIKAN ASHISERANGANATH	w	na	va-	M	22	m	m	m	8	_
57	PATEL VISHALKUMAR DINESHERAL								1110000		_
58	PATIL NATUR ANKUSH										1
59	PATIL PANKAI BHAGWAN		-				-25				_
60	PATE SWAPNE ANE.	30	D	9	\$	3	9	S.	95	8	_
61	PRAJAPATI ANAND SHRIRAM		CAT IN THE	MINE .							1
62	RANE PRATHMESH C.										_
63	RAUT ISHAN AMOL										1
64	SAINDAME RASHTRAPAL R.										1
65	SHAH KRUTI RAJEEV			200			_		-		-
66	SHAH VIHIT BHARATKUMAR	for	Em	de	5m	Sm	on	du	de	2	-
67	SINGH HMANSHU PRASHANT				encontrol of		- 1				-
68	SINGH PRINCE PINTU							-			-
69	SOJITIKA DHAVAL DINESH										4
70	SOLANKI DIPESH VASANT										-
71	TAMORE SUMIT SANDEEP										-
73	TODANKAR ANIXET DILIP									P	-
73	VADHVANIA DAYESH HARESH	P	10	10	D	10	10	10	D	8	-
74	YADWY SHAILENDRA BAJRANG!		1000	300	- N-	1000					-
TS											-
	NO OF STUDENTS PRESENT	15	18	15	10	15	18	15	18		

Sr no	Date	Time	TOPICS COVERED
1			
2			
3			
4		DIE D	
5			
6			
7			
8			





VIVA INSTITUTE OF TECHNOLOGY

(Affiliated to University of Mumbai; Approved by AICTE & DTE) Veer Savarkar Marg, Shirgaon, Virar 401303

Department of Electrical Engineering

CERTIFICATE

This is to certify that,
Mr./Ms. Kubal Rajesh Ramesh
of BE Electrical
has successfully completed value added course on
"ELECTRICAL INSTALLATION"
organized by

Department of Electrical Engineering for A.Y. 2019-20 from 08 FEB 2020 to 24 April 2020.

Surly

Course Coordinator

P. Con

Head of Department





VIVA INSTITUTE OF TECHNOLOGY

Shirgaon, Virar (E), Tal: Vasai, Dist: Palghar - 401 305.

CIVIL ENGG. DEPARTMENT



Course Name: Microsoft Project Manager

Academic Year: 19 - 20

Resource person: Mrs. Lissy Jose

Conducted as per time table for the respective subject

Hours: 30 Objectives:

- 1. Plan for a project in detail
- 2. To use templates which creates projects in project 2017
- 3. To create, manage, schedule and track all the imputed resources
- 4. To create, manage, assign and track tasks of all inputted resources
- 5. To work with deadline and constraints
- 6. To use dependencies to help schedule tasks
- 7. To run reports

Course Outcomes

At the end of the course, learners will be able to understand:

- 1. The functions involved in software related to civil engineering projects.
- 2. How to prioritize tasks, define expectations and prepare schedule.
- 3. Will know tracking and managing resources throughout the project.
- 4. To create and tracking budgets and sharing calendars with the team.
- 5. Learn about risk management involved in project management.





VIVA INSTITUTE OF TECHNOLOGY



Shirgaon, Virar (E), Tal: Vasai, Dist: Palghar - 401 305.

CIVIL ENGG. DEPARTMENT

Chapter 1: An Introduction to Project Management...... 03hours

Recognize when to use project management, role as a project manager is to deliver a project, communications, influence, and careful use of authority all play a major factor in the support you receive to complete the project, Project managers frequently find themselves with the challenge of adding new scope to a project with an already tight timeline. Typically, the job of the project manager is to work with their team to determine what this new scope will mean and how it will affect the project, building and tracking project schedules.

Chapter 2: The Microsoft Project User Interface................. 05 hours

To recognize best practices when running ms project for the first time, microsoft project user interface, the ribbon area icons, tabs, and access to the backstage, microsoft project scheduling engine, preparing a new project, estimating the project, ribbon actions (icons) you may need to perform within microsoft project, backstage is a full-screen area that allows you to open, save, share, and print your project, using views and tables

Chapter 3: The Microsoft Project Scheduling Engine06 hours

constraint based scheduling, calculates dates for you based on constraints you place on tasks and resources, critical path and user-controlled scheduling, user-controlled scheduling can effectively break the ability to identify the critical path because durations, start dates, and finish dates are not required when using this feature, configure project options, microsoft project offers many options for you to configure the user interface, scheduling engine, and task tracking for your project most of these options are located in the backstage using the options menu item.

Chapter 4: Preparing a New Project......6 hours

Create a new project before you create a new project, make sure you have all the



VIVA INSTITUTE OF TECHNOLOGY



Shirgaon, Virar (E), Tal: Vasai, Dist: Palghar - 401 305.

CIVIL ENGG. DEPARTMENT

project options configured as you want them unless you have a unique reason to do otherwise, it is a good practice to start with a blank project configure a project calendar learn the differences between the Microsoft project calendars and when to use them.





VIVA INSTITUTE OF TECHNOLOGY





Shirgaon, Virar (E), Tal: Vasai, Dist: Palghar - 401 305.

CIVIL ENGG. DEPARTMENT

Late Shel, Vishnu Warran Thakur (Charitable Trust's VIVA Institute of Technology SHIRGAON, VIRAR (E) E(CIVIL) SEM-VII COURSE: MSP & PREMAVERA ATTENDANCE SHEET 2019-20

ATTENDANCE SHEET 2019-20

ACTION 20 7 2019 70 30 9 2019 Subjects wef: 02/07/2019 Name of faculty: Though Morre NAME/DATE TO 4 08 TIME JOSHI MITHUN MANORAR 108 JOSHI SAMIR SUBBASH KADAM SHRADDRA SANZAY Marrie KAMBLE NIKHIL GANDAT tride NAMBLE REVUKA ASBOK KAMBLE VARBUAY BALASARIED KANGARE AKSHAY ASHOK KRAN MUSTAFA NISAR KRAN SORIAIL KINN KIRN! 10 KINI SHIVALI DINESEWAR A n. KIRPANE JANHAVI GANESH 11 12 KORE RAJAT RAJESB 13 KOTHARI ANJALI KAMLESHRBAI 14 KUCHEKAR ANKIT APPASAHER 15 RUVALEKAR RAHUL YUAY 16 MACHEWAD SHWETA 17 MANE YOCESH BALD Legis 45004 18 MANGAL RISHABB DEEPAR MESTRY OMKAR FRAKASE tanto Coone arne 20 MESTRY OMKAR VILAS 21 MHASKE BAIRUL RAMBAS 22 MISHRA SHUBHANGI RAKESH auch Auch Clasten 23 MOHITE RAKESH ANIL Lake Daros 1201 In yes MONDICAR KALPESSI 25 NO.OF STUDENTS PRESENT 1 IGNATURE OF FACULTY





VIVA INSTITUTE OF TECHNOLOGY



CIVIL ENGG. DEPARTMENT





Late Shri Vishun Waman Thokur Charitable Trust's

VIVA INSTITUTE OF TECHNOLOGY

Approved by AJCTE New Dethi, Affiliated to University of Mumbai Shirgson, Virar (East), Dist: Palghar - 401 303, Maharashtra



Certificate of Participation

This is to certify that Dr. / Mr. / Ms. JOSHI MITHUN has attended software course on "MSP & PRIMAVERA" organized by Civil Engineering Department from 20th July 2019 to 30th September 2019 at VIVA Institute of Technology, Shirgson,

Mumbai.

(Prof. Ramya Raju)

Co-ordinator

(Prof. Lissy Jose)

Head of Civil Engg Department

Oleman

(Dr. Arun Kumar)

Principal





VIVA INSTITUTE OF TECHNOLOGY

Shirgaon, Virar (E), Tal: Vasai, Dist: Palghar - 401 305.

CIVIL ENGG. DEPARTMENT



Name of the Course: Emerging techniques in Civil Engineering

AY: 2019-20

Course Duration: 30 hr

STTP Programme Schedule

	Date	Time	Name of Speakers	Topics
D 4	04/07/2010	9:00 am-12.00pm	Session 1: Prof. Yadnesh Patil	Road Safety and Role of Public Transport
Day 1	01/07/2019	1.00 -4.00 pm	Session 2: Mr.Paresh Unnarkar	Durability-Performance Based Approach
Day 2	02/07/2019	9.00am-12pm	Session 1: Prof. Prashant Gondane	Design Aspects of Sewerage system
Duy 2	02/07/2019	1.00 pm – 4.00 pm	Session 2: Prof. Prashant Gondane	Seepage Management
Day 3	03/07/2019	9.00am-12pm	Session 1: Prof.Vivek Mandapur	Environmental Management
		1.00 pm – 4.00 pm	Session 2: Monica More	Construction Law
Day 4	04/07/2019	9.00am-12pm	Session 1: Prof. Lissy Jose	Real Time data acquisition
24,		1.00 pm – 4.00 pm	Session 2: Prof. Mayur Patel	Smart Structure and Materials for the future
Day 5	05/07/2019	9.00am-12pm 1.00 pm-4 pm	Session 1: Prof. Prashant Gondane	Water Quality Management
		1.00 pm-4 pm		





VIVA INSTITUTE OF TECHNOLOGY

Shirgaon, Virar (E), Tal: Vasai, Dist: Palghar - 401 305.

CIVIL ENGG. DEPARTMENT



Day 01:

Session 01: Road Safety and Role of Public Transport

Reduce exposures to crashes

Types of vehicles used for various roads

Session 02: Durability-Performance Based Approach

Mix design calculations and assumptions

Exposure conditions and material parameters

Day 02:

Session 01: Design Aspects of Sewerage system

Pumping stations and water reclamation centres

Session 02: Seepage Management

Stability analysis

Design methods for various zones

Day 03:

Session 01: Environmental Management

Processes and practices to improve environmental impacts

Various monitoring aspects

Session 02: Construction Law

Contract law in details with clauses

Day 04:

Session 01: Real Time data acquisition

Session 02: Smart Structure and Materials for the future

Day 05: Water Quality Management





VIVA INSTITUTE OF TECHNOLOGY

Shirgaon, Virar (E), Tal: Vasai, Dist: Palghar - 401 305.

CIVIL ENGG. DEPARTMENT



Course Objectives:

- 1. To understand the knowledge of road safety
- 2. To learn about various methods & design aspects of sewerage system
- 3. To learn how various contract law
- 4. To learn how smart material can be used
- 5. To understand water quality management

Course outcomes:

- 1. Students will be able to understand how road safety and rules are important
- 2. Students will be able to understand various design aspects of sewerage system
- 3. Students will be able to understand where contract law can be applied
- 4. Students will be able to operate various smart material are used
- 5. Students will be able to analyze various water quality management





VIVA INSTITUTE OF TECHNOLOGY

Shirgaon, Virar (E), Tal: Vasai, Dist: Palghar - 401 305.





CO PO MAPPING

					Pr	ogran	Outc	omes					
CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	CO target
C01	2												2
CO2		2			2								2
CO3		2											2
C04		2		1									2
CO5		2		2									2
	2	2		1.5	2						1		





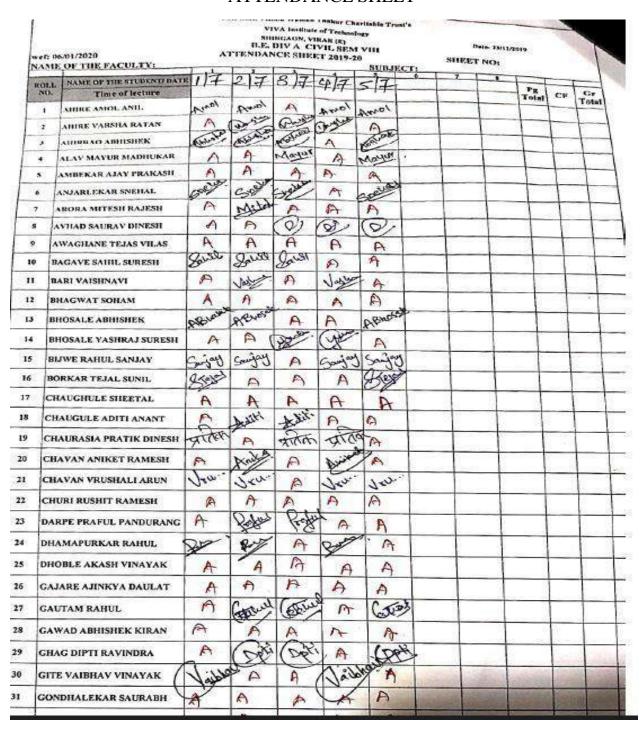
VIVA INSTITUTE OF TECHNOLOGY

Shirgaon, Virar (E), Tal: Vasai, Dist: Palghar - 401 305.





ATTENDANCE SHEET







VIVA INSTITUTE OF TECHNOLOGY

Shirgaon, Virar (E), Tal: Vasai, Dist: Palghar – 401 305.

CIVIL ENGG. DEPARTMENT



100		117	0 7	m11-	. 1	UILIECT:	6	7			-	-
ROLL NO.		117	214	37	417	5/7				Pg Total	CF	Gr
34	GOWDA DIWAKAR RAM	Gowa	GENE	A	beare	-5				-		Total
.35	GUPTA SHWETA SHATRUGHAN	A	smek	Shuch	Short	Shreese						
36	RADBAL SAGAR RAJKUMAR	Sugar	Lugar	D	Seed	P						1
37	JADRAY ABHIJEET NARESH	A	n	A	4	A						1
38	JADRAY ASHWIN RAGBUNATH	A	Ashun	A	Ashin	A						
39	JADHAV MAYUR SURESH	• 4	A	A	A	M						
40	JADHAV NIKHIL SURESII	Nixxil	A	Nikkil	Niphil	nikhii						6
+1	JADHAV TRUPTI VILAS	TrupTi	trushi	A	trupi	A						
42	JONDHALEKAR SIDDHANT	4	N	1	A	SIDDIA					1	1
43	JOSHI MITHUN MANOHAR	A	million	A	A	milha						
44	JOSHI SAMIR SUBBASH	sami 1	Sumir	Scenix	A	A					V	1
45	KADAM SHRADDHA SANJAY	A	511)24	200	A	P					1	
46	KAMBLE NIKHIL GANPAT	MIKNIT	the state of the s	A	A	Nikk; 1					1	3
67	KAMBLE PRITAM	Prisavo	50201921	Prilan	A	Britain	9				1	
18	KAMBLE RENUKA ASHOK	A	BHUK	A	A	A	100				1	1
9 1	KAMBLE VAIBHAV	A	A	You bhot	06/25	with				1	+	
0	KANGANE AKSRAY ASHOK	system	A	pagne	-	manz					1	
1 5	CELKAR VIRAJ	1912 1712	المناجر لما	A	vinel	A				1	1	
2 5	KHAN MUSTAFA NISAR		MX	A	new	A				-	+	+
3 1	CHAN SOHAIL	Souil	SONIL	0	SouthiL	0				+	1	_
	CINI SHIVALI DINESHWAR	- 12	SHINUL	A	A	SHIYA				-	+	
5 8	GRPANE JANHAVI GANESH	Jans	Sac		sory	P			-	+	1	
5 19	CORE RAJAT RAJESH	RUST	224	A	R34	-			-	+	0)	
, в	COTHARI ANJALI	1	Mars!	A	price	A	7		-	- k	1	
K	CUVALEKAR RAHUL VIJAY	Rhul	A	2411	A	\$4550 750			49.00		-	+
	AACHEWAD SHWETA	SHING	10000	E B		12hal				-	i	
	IANE YOGESH BALU	Vin 0~1	n	Shusse	6	6	3 1 E S		-		1	
V 0 50	IANGAL RISHABH DEEPAK	SAND A	Vacable Cv.	77.00	1/2/2017	2000		ALC: N	2 C. C.	5 EUF	2	
	IESTRY OMKAR VILAS		Sec. 19.55	msh.	P.	A						-
		Omen	CHURY	A	ams	A		P. C.		-	-	-
	HASKE RAHUL RAMDAS	natul	Rom	morn	A	A						
M	IISHRA SHUBHANGI RAKESH	Hurt		Ship	A	9					V.	
М	OHITE RAKESH ANIL	pulls	A	nis	A	P	1				M	0
M	ONDKAR KALPESH	A	HIRY	PHAY	A	P		17			1	





VIVA INSTITUTE OF TECHNOLOGY

Shirgaon, Virar (E), Tal: Vasai, Dist: Palghar – 401 305.

CIVIL ENGG. DEPARTMENT



	ONE OF THE FACULTY)	1 7 1			SUBJE	Ct.	4	7 1 7			
1	NOT OF THE SACREST DATE	1117 0	13	3111	17 5	th.	POTE I				
	Time of fecture		17	201	"			-	1.00	C.F.	-
200	D RAUT AISHAWARYA DEEPAK	1	A	Vir.	1	181	-	-	-	++	-
1	32 SAPLE SWAPNIL RAJKUMAR	Sc.	16	2 -	11	And	-	-	-	++	-1
	33 SANPAI SHRADDHA	Turger		1	1	- Stra	-	-	-	11	-1
3	M SANAF RAHUL JAGANNATH	1		1	1	7	-	-		11	-
3	SANGHVI YASH BHARAT	Vall	1	1	4/2			1		1	
3		A	A	Curd .	4	1					
31		(harry)	1	Yurs	1	A-	-				
38	SARATE NAVAN RAJENDRA	17	700	1	+	-	-	-			1
30	SARAVIA PARTH MUKUL	1/4	440	A	6			-			
40		10	-	A	7/			-			
41	SAWANT SHUBHAM VISHWANATH	A	AC	Jan. 1	1	1					
42	SAWANT SIDDHESH TULSHIDAS	Sixtoh	1	1	A		-	-	-	-	
43	SHARMA ARUN	W 18		A	_	-	+	-			+
44	SHARMA TARUN VIPINPRAKASH	A	tim	A	Laker	1	-		-		1
45	SHIGVAN NIMISHA	DA	A	AA	A	A		-		-	-
46	SHINDE RAHUL RAMESH	paris	A	Baum	A	1		-	1	1	-
47	SHINDE RAJAN SUNDAR	A	A	Balon	A					1	-
18	SHINDE ROHAN SUNIL	AK	Johnson	A	Kon				1	1 1	
9		Links.	forth	A	A	A					
y,	SHINTRE ANKITA ANAND	SAR	1	Lingh	Sin	1	1		0	1 1	
0	SINGH YOGESH DHANANJAY	Only		CI	Sh		4				100
1	SUTAR SWAPNALI SAMBHAJI	27-0	2W .	0	2	0	-	-	_		
2	TANDEL JYOTI PRAKASH	A	ZHORY	A	77	1			_	7	
3	TIVAREKAR DARSHAN DATTARAM	nA.	A	114	A	P	7			1	
4	381	Victor		Vila	1						
	USARE VISHAL GANESH	A		A	1	11					
5	VISHWAKARMA VIKAS SANTOSH	1	1	1	2	1			-		1
1	VORA DHARA RAMESH	Pre	H	B	A	1		-			
,	WADEKAR VAIBHAY GANPAT	A	4	A	1	1	+	_1_	_81		
	YADAV KAJAL ARVIND	Orlay	M/	Way		18	1		103		
8 1	YADAV SIDDHESH SHIVAJI	A	A	A							
	TANK KETAN	A 1	NA PARTY	A							
8	TELURE VILAS	IA	A	Da		4	A				
	YADAV ARJUN KUMAR	Japan	A	A	de	ENT	1				100
		100	Λ	1	-	4		-	-		



VIVA INSTITUTE OF TECHNOLOGY



Approved by AICTE New Delhi, Affiliated to University of Mumbai <u>Shirgaon</u>, Virar (East), <u>Dist</u>: <u>Palghar</u> – 401 303, Maharashtra

Certificate of Participation

This is to certify that Dr. / Mr. / Ms. Singh Yogesh has attended one week course on "Emerging techniques in Civil Engineering" organized by Civil Engineering Department from 1st July 2019 to 5th July 2019 at VIVA Institute of Technology, Shirgaon, Mumbai.

(Prof. Ramya Raju)

Co-ordinator

(Prof. Lissy Jose)

Head of Civil Engg Department

(Dr. Arun Kumar)

Principal



VIVA Institute of Technology

Approved By AICTE, New Delhi, DTE, Govt. of Maharashtra
Affiliated to the University of Mumbai
Shirgaon, Virar(E.), Dist: Palghar- 401305, Maharashtra

DEPARTMENT OF FIRST YEAR ENGINEERING

ACADEMIC YEAR-2019-20

VALUE ADDED COURSE

NAME	SOFT SKILLS
DURATION	(1 WEEK) 30 HRS
DATE & TIME	31st Dec 2019 to 4th Jan 2020/9.30am -12.30p.m and 1.30p.m -4.30pm
RESOURSE PERSON	Mr. Prashant Pawar & Mrs.Trupti Patil

COURSE OBJECTIVE:

To help the future engineers to understand and implement soft skills in the work environment.

Aim: The course can help future engineers to improve their communication, problem-solving and presentation skills with an aim to land a better job.

SESSIONS ON SOFT SKILLS FOR FIRST YEAR ENGINEERING STUDENTS

Session 1. Soft Skills and You

Session 2. Interpersonal Communications

Session 3. Leadership Management

Session 4. Preparing for Employment

Session 5. Group Discussion

Session 6. Resume Building

Session 7. Mock Interview

Session 8. Presentation Skills

Session 9. Communication at Workplace

Session 10. Workplace Etiquette



CO-ORDINATOR PROF. Jayesh Jain



H.O.D DR. Ajazul Haque



Late Shri. Vishnu Waman Thakur Charitable Trust's VIVA Institute of Technology

Academic Year: 2019- 2020 First Year Engineering

	Date		2019	or certificate		12/1/2	2020	3/1/	2020	4/1	12020
	Foot Time	9-30 -	4.30	930-	4.30	9.30-	4.30	930	4.30	3.30	4.30
SR.NO.	Name Of Participant	Session 1	Session 2	Session 3	Session 4	Session 5	Session 6	Session 7	Session 8	Session 9	Session 10
1	BAS KAMLAKANT VISHWAMITRA	HVRN	Kute	Lylin	Kinter	Hose	Keller	Kyon	Herr	Ky	Kyer
2	BIYABANI MOHAMMED FARAAZ MOAHMMED	Toyor	Edu	Freek	Forse	Feeler	Fender	Febru	Feeler	Freed	F-123-7
3	CHAVAN BHUSHAN SANTOSH	Destru	Rock	andres	Busto.	Puster	Bush	Bust	Bulle	Bline	Blust
4	DAS PAYAL HEMANTA	MyolH.	Parcel		Solvet	Pavas	alpent	Paval)	Molt	Parally	Navcery
5	DATT KARISHMA RAMCHANDRA	KRBUH	P. Wall	Barrie Barrie	Model	RAPONT	YADA	KADE	KRIVA	KRA	HRINGH
6	GASTI MANASHRI GAJANAN	Magh	Model	Movedo		Moder!	MAGRIC	MENCH	Maggi	1999	MOVI
7	HARAYAN GOVIND MADHUSUDAN	GENERA	GOAL	Gow	Gowld	Gora	GOVIN	(GOVIN)	The second second	GAIN	GOVE
8	JADEJA HARSH KISHOR	Hellard	Halpea	Hadedo	Plotheme	Haders	Hales	Holey			
9	KAMBLE MANSI RAJAN	Wester	Topoton	FRATRA	FRADAM		Toplogad	FRago		Figures	Maja
10	KAPRI NILESH BIHARILAL	NEC	CBX	NIK	18	MD	NE	18	1860	1869	NEX
11	RAUT AKSHITA	1/9-	10	122	Va	Da	da	Ke	la	P	1-
12	SAHU AVINASH SHEKHAR	Tras	C	Sam	Sean	8	500	5-	San	See	5=
13	SHINDE SAKSHI SUNIL	Ss	2	See	2	M2<	2a	125	120	20	82
14	SHIRSATH KOMAL VINOD	(K)S	(Ve	(F)8-	(B)	88	(QF	De-	Ble-	(K)P	W8
15	SHUKLA SHIVANI SANJIV	Shusni	Shutanic	Shoon	Shuiron	Shhani	Sheand	Shirem	Shimi	Shelton	shusol.
16	SINGH ROOPESH SHAILENDRA	RESNO	RSSh	ROSL	RSSan	RSMO	RSTOLES	PSSTA	AST PAY	15514	RSSA
17	SONI VIKAS OMKAR	VSoni	V.Soni_	VSoni	VSeni	Visioni	Vsopi	viseni /	VSONE.	YSmi	Vsoni
18	TELANGADE PRANAV SUNIL	Phoney .	Theres.	Pages	Thorax.	Pinnay.	Printer.	Proces.	France .	Frances	Themy_
19	VISHWAKRMA HRITIK RAJNARAYAN	HILL	Wilet	Hillik	Hn#E-	HOLFE	HNIE-	HNYL	Hork	Hnik	HUK.
20	WAGLE ADNAN MIRZA	Adman	Adnan	Adren	Abnen	Adran	Alnan	Adman	Adman	Achien	Attent
21	YADAV ANKITA NEHRU	Andrila	Artike	Antile	Ankila	Ankida	Ankin	Ankine	Ankila	Ankila	Ankita
22	YADAY SHUBHAM ABHAYJEET	Shullane	Shippan	shubben	should-	Sexhaul	shubbu	Shablar	shubbu	Shahr	Sherible
2.3	KINI MANGESH VISHWANATH	林仙	*44nl	#Kini	Mini	##www	##4ni	PKINI	+dxini	Attun!	- mi
24	KOLI MANDAR HANUMANTA	MAL.	(NYA)	Mali	Prdi	Mili	Medi	(P)46	(HVal)	BYdi	(Mydi
25	MAURYA LAV LALLAN	Levilation	Lavkellan	Louislan	Lavheller	Laylellan	Laybelan	Levelalle	Livelle	Laylale	Luciallan
26	SOLANKI JALPESH KUMAR JITENDRA KUMAR	Sulpen	Jalgen	Jelpen	Jaken	Tallen	Men	Then	Idpen	Jaleen	Jalpen
27	TAFSIR RAMZAN ANSARI	Taksir	Tabsit	Tubsir	Jakir	Subsir	Sattin	Balsir	Tatiet	Tateir	Suffer
28	TANDEL ASHISH SUHAS	Hard	Ach	Hen	Asm	ASA	Acher	Har	Adm	An	Achin
29	HOLMUKHE AKASH ASHOK	AMKOBU	felan	Haran	- Asylen	Baken	Agh	Haller		Hall	Herbo
30	KATKAR YASHODEEP SHRIKANT	322	1	7	-	1	X	1	H	1	1
	Name & Sign of Speaker	approve	Comme	GAGNAUN	apgrew	of Golgowald	Copyran	Gagran	1 GAGNUT	GAGRAN	15 Agran



Drs. Ganesh Agrawaj



VIVA Institute of Technology

Approved By AICTE, New Delhi, DTE, Govt. of Maharashtra Affiliated to the University of Mumbai Shirgaon, Virar(E.), Dist: Palghar- 401305, Maharashtra

CERTIFICATE OF PARTICIPATION

This is to certify that Mr. KAMLAKANT VISHWAMITRA BAG

attended one-week Program on "Soft Skills" organized by Firsf Year Engineering Department Of VIVA Institute of Technology from 31st 2019 Jan to 4th Jan 2020.



Co-ordinator Prof. Jayesh Jain



H.O.D Dr. Ajazul Haque





Vishnu Waman Thakur Charitable Trust's VIVA Institute of Technology

Approved By AICTE, New Delhi, DTE, Govt. of Maharashtra Affiliated to the University of Mumbai Shirgaon, Virar(E.), Dist: Palghar- 401305, Maharashtra

A.Y. 2018-2019





Vienna Waman Thakur Charitable Trust's VIVA INSTITUTE OF TECHNOLOGY And the Control of the Cont

Academic Year 2018 - 19

Course name: - Programming with JAVA Duration: - 25th Jun 2018 to 29th Jun 2018

Venue: - VIVA Institute of Technology Co-ordinator: - Prof. Janhavi Thakur

Enrolled students: - 17 Course Objective:-

 To understand the basic concepts and fundamentals of platform independent object oriented language.

To demonstrate skills in writing programs using exception handling techniques and multithreading.

To understand streams and efficient user interface design techniques.

 To write programs for solving real world problems using java collection framework.

To impart hands-on experience with java programming.

Course Outcomes: -

After successful completion of the course, the students are able to

 Use the syntax and semantics of java programming language and basic concepts of OOP.

Develop reusable programs using the concepts of inheritance, polymorphism, interfaces and packages.

 Apply the concepts of Multithreading and Exception handling to develop efficient and error free codes.

 Able to write programs for solving real world problems using java collection frame work.

Course Schedule: -

Days	Morning Session (9 am to 12 pm)	Afternoon Session (1 pm to 4 pm)
1	Introduction to Java, Java buzzword, scope, and lifetime	Classes and Objects, Inheritance Exercise
2	Interference, Packages	Exception Handling Exercise
3	Strings, and Library	Multithreading Exercise
4	Applets	Event Handling Exercise
5	Layout Manager	Quiz





VIA INSTITUTE OF TECHNOLOGY COMPUTER ENGINEERING DEPARTMENT

Report:-

Computer engg. department of VIVA Institute of Technology conducted a course on "Programming with JAVA" for second and third year students. Total 17 students had been enrolled for this course.

This course was conducted by Prof. Janhavi Thakur in order to provide basic knowledge of JAVA programming. This was 30 hrs certificate course.

During the course students learned basic programming of JAVA. Also students learned all concepts of JAVA like interference, packages, and applets and so on. Students practiced of all things concepts in the exercise session, All doubts and errors during programming were solved by the coordinator.

Students enjoyed the course and completed it successfully.

CO-PO Mapping: -

Course		Program Outcome												
Outcom e	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO B	PO 9	PO 10	PO 11	PO 12		
CO 1	3	2	-	-	-		-	-	-	-	-			
CO2	-	2	-	-	-	-	-	-	-	-	-			
CO3	-	-	3	1	-	-	-	-	-	-	2	-		
CO4	-	-	3	-	-	-	-	-	-	-	-	-		
	3	2	3	3	-			-	-	-	-	-		

CO PO Justification: -

COs	POs	Justification
CO1	PO1	Strongly mapped as the students will be able to analyse the problem to be implemented using basics of Python.
CO2	PO2	Moderately mapped as the students will be able to identify the technique required to implement the problem.
CO3	PO3	Strongly mapped as the students will be able to find a solution for the problem identified.
	PO4	Slightly mapped as the students will be able to depict the project outcome and future scope.
CO4	PO3	Strongly mapped as the students will be able to develop design methodologies for the system to be developed.

Ashwini Save

HOD, Computer Engg.





A INSTITUTE OF

Computer Engineering Department

Academic Year 2018 - 19 Course Name:- Programming with JAVA

Course Duration:- 25th Jun to 29th Jun 2018

		25/06	(2018		nce Sheet						
Sr. No.	Name of Student	Morning Session (9 to 12)	Atternoon Session (1 to 4)	Morning Session (9 to 12)	Alternoon Session (1 to 4)	Morning Session (9 to 12)	Afternoon Session (1 to 4)	Morning Sension (9 to 12)	Afternoon Session (1 to 4)	Morning Session	Afternoor Session
1	GARAND RITIK SANTOSH	RANK	RAIK-	RNOS	RHY	RINK	RH15	RIFILE	EWK-	(9 to 12)	(1 to 4)
2	GURAN ANNET SHANKAR	Guran	Guras	turne	Guerre	6wax	Garase	Govern			Course
3	GOWNNI YOGESH ARJUN	A. Comore	Jam	- Contract	-0-	J. Gours	4-60000	y-Gowen	460war	46000	-
4	JNA VISHNU JITENDRA	V-Jha	Viha	viha	Vala	Yaka	Vaha	Kha	Viher	10hg	Viha
5	HADAM JATIN SANJAY	3K	JK_	JK	7K	1K	JA	31-	3K	35	3K
6	MHASKAR SUNETRA RAGHUNATH	5.m.	Sm.	Sim	Sim	Sm	Sm -	Sm		Sm	Sa
7	KHAN ATIFASAD SHAKRALI	COAD.	AK)	OFFO.	CAD.	(AR)	OR.	(AP)	CAR	(AP)	-
8	YADAV DILIP MAHENDRA	Dilip	Dilip	Dilte	pilip	Dilip	tilip	Dilip	Pilip	pilip	Dilip
9	WIGHARIYA TUBHAR WANSUKH	TV.	J.V	TY	5.0	Tv	7.11	7.	T.V.	TV.	-
10	RIVANICAS SEJAL PRATEEP	Sign	Sid	Sijal	Sijal	-0-	-A-	Sign	Sgot	Sia	Spot
11	GUPTA MONTHUMAR JAYPRAKASH	Meyes	Melas	Musta	ander	Muse	Miss	(Mupta	-	Munic	Muy
12	GUPTA PRAKASH VEWYSHANKAR	B	29-	39	玛	29	39	39-	24	Pa-	P9 -
13	HAZRA SOHAN SUNIL	HS.	H.S	tes -	H-5 -	12.H	HES.	H.C.	-A -	HS.	His .
14	JADHAW PRADNESH SANJAY	RUSS	TIME	Vie 502	TEND	THE	TELEC	TEAD	-PCAD	T. SRU	KUSKO
15	LAD KRUNAL KISHOR	KRUMA	HEONAL	KRUNAL	-	KRYMAL	REUGIAL	P. BuriAL	Keumai	LEUNIN	KKUNA
16	LADUMOR SHIVAM KETAN	Salur	Sulau	-1-	-A-	Salano	dela	Spilos	Sink	Salue	- tot
17	PATIL PARESH YASERWANT	P.864	PPAN	P-PaHI	PPaH	P- fahi	P. Pakel	PPahl	Prom	PAUL	Prah)



Late Shri, Vishnu Waman Thakur Charitable Trust's

VIVA Institute of Technology

Approved By AICTE, New Delhi, DTE, Govt. of Maharashtra Affiliated to the University of Mumbai Shirgaon, Virar(E.), Dist. Palghar- 401305, Maharashtra

CERTIFICATE

OF PARTICIPATION

This is to certify that __ANIKET SHANKAR GURAV

attended a one-week Program on "Programming with JAVA" organized by the Computer Engineering Department Of VIVA Institute of Technology from 25th June to 29th June 2018.



Prof. Ashwini Save H.O.D

Dr. Arun Kumar Principal





VIVA INSTITUTE OF TECHNOLOGY (ACCURATE ACT), New York Control of the Control of

Academic Year 2018 - 19

Course name: - Learning with Python Duration: - Throughout the semester Venue: - VIVA Institute of Technology

Co-ordinator: - Prof. Vinit Raut

Enrolled students: - 20

Course Objective:-

To create fully functional Python programs

2. To understand user input

To learn about loop structures and conditionals

4. To work with Python file handling

Course Outcomes: -

After successful completion of the course, the students are able to

- Describe the basics of the Python programming language
- Install Python and write first program
- Use variables to store, retrieve and calculate information
- 4. Utilize core programming tools such as functions and loops
- Explain the basic principles of Python programming language

Course Schedule: -

Days	Morning Session (9 am to 12 pm)	Afternoon Session (1 pm to 4 pm)
1	Introduction	Install Python and basic python program
2	Basic syntax , variables and strings	Lists, Tuples and Dictionaries. Exercise
3	If-else statements, For loop	While loop, Pass, break and continue Exercise
4	Understanding Functions	File handling – opening and reading
5	Classes and Objects	Exercise Quiz



VIVA INSTITUTE OF TECHNOLOGY

COMPUTER ENGINEERING DEPARTMENT

Report:-

Computer engg. Department of VIVA Institute of Technology conducted a course on "Learning with Python" for second and third year students. Total 20 students had been enrolled for this course.

This course was conducted by Prof. Vinit Raut in order to provide basic knowledge of Python programming. This was 30 hrs. Certificate course.

During the course students learned how to install Python. They learned all the basic of python like variables, lists, strings. Also students study conditional statements and loops. This course also cover functions and file handling.

Students enjoyed the course and completed it successfully.

CO-PO Mapping: -

Course		Program Outcome												
Outcome	PO1	P02	PO3	PO4	P05	PO6		P08	PO 9	PO1	P01	P01		
CO 1	3	-	*						,	0	1	1		
CO2	3	-	-					-	-	-	*	-		
CO3			3					-	-	7		-		
CO4			3	2						-	-	-		
CO5		3	-	-	-	-	•	-	-	-	-	-		
	3	3	3	2				-	-	-	1	1		
	-	9	3	2	-	*	-	-	-	-	1	1		

CO PO Justification: -

COs	POs	Justification						
CO1	PO1	Strongly mapped as the students will be able to analyse the problem to be implemented using basics of Python.						
CO2	PO1	Strongly mapped as the students will be able to identify the technique required to implement the problem.						
CO3	PO3	Slightly mapped as the students will be able to find a solution for the problem identified.						
CO4	PO3	Strongly mapped as the students will be able to find the relevant tools to mplement the problem stated.						
	PO4	Moderately mapped as the students will be able to find a feasible solution for the problem designed.						
05	PO2	Strongly mapped as the students will be able to develop design methodologies for the system to be developed.						



Ashwini Save HOD, Computer Engg.



Academic Year 2018 - 19

Course Name:- Learning With Python

Course Duration:- 2nd Jan to 5th Jan, 11th and 18th Jan 2019

Attendance Sheet

Sr. No.		02/01/2019		03/01/2019		04/01/2019		05/01/2019		11/01/2019	18/01/2019
	Name of Student	Morning Session (9 to 12)	Afternoon Session (1 to 4)	Morning Session (9 to 12)	Afternoon Session (1 to 4)	Morning Session (9 to 12)	Afternoo n Session (1 to 4)	Marning Session (9 to 12)	Afternoon Session (1 to 4)	Afternoon Session (1,30 to 4,30)	Afternoon Session (1.30 to 4.30)
1	Disha Sakre	Disha	Dine	Leahe	Diene	anth.	-Diche	200	Pisha	D'splea	Disks
2	Oheeraj Purohit	(CP	OP	OP	OP.	0	(IP	60	OP.	OP .	OP
3	Rutika Ganesh Naik		Rutian		Rute	Purtire	Petito	Quello	THE RESERVE AND ADDRESS OF THE PARTY OF THE	-	Patro
4	Sneha Gorakhnath Pawar	Spino	Some	Sprum		Chuan	Country	Questo	Spurer	-	-
5	Shubham Subhash Warang	55.	SS	55	95	SS	95	SE	55	55	3
6	latin Sanjay Kadam	1)	-0-	Julin		dela	Juin	Thin	Tin	Takin	Calin
7	Geetanjali Dilip Jadhav	C	6	er	er	OF	Ca	65	a-	9	Gt
8	Daksh Paresh Ashar	depart	detto	-	dalah		depo	derde	datala	dalus	dalab
9	Vandan Raval	MAR	amp	JUDIR	well	Suak	6.0	wall	Vade	Mary	30CM-
10	Faiz Harun Shaikh	Care	Date	Jak	Care	alz		Rose	loiz	gatz	fall
11	Sanket Memana	800	800	800	gm	8m	gr	8m	Bn	en	8m
12	Sunetra Raghunath Mhaskar	501	53	8	53	8	88	8	88	8	Sho
13	Patil Shraddha Dilip	Settle	Spell	SHILL	Statu	Sabu	Satu	Shill	Satu	Sou	Spitt
14	Raut Meet Jitendra	Meet	The second second	The Person Name and Post Of the Person Name and Person Name an	meet	Mee	Meet	Meet	-	Meet	Meet
15	Gupta Shyam	ger	Se	80	SE	-4-	-A-	Ste	Ste	St	sec
15	Kansara Manthan Sanjay	EM	EM	EM	EM	CM	(KM	M	(KW)	(KM	CKM
17	Patil Devesh Anil		Tedu	PAUD	DAND	TAND		Pape	TANK	P.600	Jaio
18	Patil Paresh Yashwant	Pares	Greek	Parest	Pareb		Parret	-	-		Parest
19	Tare Aditi Deepak	AT	MT	AST	AIT	AT	AT	AT	A.T	-4-	A-
20	Survawanshi Gaurav Vijav	Garret	- Cherren	gury	gowww.	genery.	garring	gaunn	gurrer.	gunar	query



Late Shri, Vishnu Waman Thakur Charitable Trust's

VIVA Institute of Technology

Approved By AICTE, New Delhi, DTE, Govt. of Maharashtra Affiliated to the University of Mumbal Shirgaon, Virar(E.), Dist: Palghar- 401305, Maharashtra

CERTIFICATE

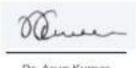
OF PARTICIPATION

This is to certify that __ADITI DEEPAK TARE

attended a one-week Program on "Learning with Python" organized by the Computer Engineering Department Of VIVA Institute of Technology from 2nd Jan to 5th Jan, 11th and 18th Jan 2019.



Prof. Ashwini Save H.O.D



Dr. Arun Kumar Principal





Academic Year 2018 - 19

Course name: - NETWORK SECURITY AND CRYPTOGRAPHY

Duration: - Throughout the semester **Venue:** - VIVA Institute of Technology **Co-ordinator:** - Prof. Vinit Raut

Enrolled students: - 57

Course Objective:-

- 1. To understand the foundations of cryptographic attacks.
- 2. To gain knowledge of encrypting data, and to choose between different algorithms.
- Prepare students for research in the area of cryptography and enhance students communication and problem solving skills
- To differentiate between the encryption techniques and know their suitability to an application.
- 5. To effectively apply their knowledge to the construction of secure cryptosystems.

Course Outcomes: -

After successful completion of the course, the students are able to

- Understand the various types of cryptographic attacks and the mathematics behind cryptography.
- 2. Describe the various types of ciphers and hash functions.
- 3. Apply the different cryptographic techniques to solve real life problems.
- 4. Evaluate different techniques as to their suitability to various applications.
- Develop a cryptosystem keeping in view social issues and societal impacts.

Course Schedule: -

Day 1: - Introduction to Cryptography and Block Ciphers

Session 1: Introduction to security attacks introduction to cryptography

classical encryption techniques

Session 2: Modern Block Ciphers Block ciphers principals

block cipher modes of operations

Day 2: - Confidentiality and Modular Arithmetic

Session 1: Confidentiality using conventional encryption

Introduction to graph

Session 2: Fermat's and Euler's theorem

Primality testing

Day 3: - Public key cryptography and Authentication requirements

Session 1: Principles of public key crypto systems

Introductory idea of Elliptic curve cryptography



Elgamel encryption

Session 2: Message Authentication and Hash Function

Authentication requirements

Security of hash functions and MACS

Day 4: - Integrity checks and Authentication algorithms

Session 1: Secure hash algorithm

Digital Signatures

Digital signature standards

Session 2: Authentication Applications

Directory authentication service

Day 5: - IP Security and System Security

Session 1: IP Security: Architecture

Encapsulating security payloads

key management

Session 2: Secure socket layer and transport layer security

firewall design principals

Report: -

Computer engg, department of VIVA Institute of Technology conducted a course on "NETWORK SECURITY AND CRYPTOGRAPHY" for Last year students. Total 57 students had been enrolled for this course.

This course was conducted by Prof. Vinit Raut in order to provide knowledge of Cryptography and Network Security. The course covers fundamental aspects of security in a modern networked environment with the focus on system design aspects and cryptography in the specific context of network / internetwork security

It also dwells into basics of cryptographic techniques, algorithms and protocols required to achieve these properties; computational issues in implementing cryptographic protocols and algorithms; and system/application design issues in building secure networked systems. Students enjoyed the course and completed it successfully.

CO-PO Mapping: -

Course	Program Outcome											
Outcome	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO	PO1	PO1	PO1
									9	0	1	2
CO 1	-	3	-	-	-	-	-	-	-	-	-	-
CO2	3	-	-	-	-	-	-	-	-	-	-	-
CO3	-	-	3	-	-	-	-	-	-	-	-	-
CO4	-	-	-	2	-	-	2	-	-	-	-	-
CO 5	-	-	-	-	-	3	-	-	-	-	-	-

Ashwini Save HOD, Computer Engg.



Bridge Course attendance



VIVA INSTITUTE OF TECHNOLOGY



Computer Engineering Department

BE Attendance Sheet [2018 - 19]

Semester: Nedword Subject Incharge:

Medwork Security

& Cayotogoaphy

Week/ Month: Subject:

Roll	Name	02/01	08/01	04 01	05 01	1001	18/11	Tota
	ANGWALKAR SAHIL VIJAY	Selvil	Balvil	A	Latur	galit 1	Bolini	
2	AREKAR VRISHESH JAYVANT	(A)	R	(0)	@	600	0	
3	AVKIRKAR GAURAV GANESH	Course	Corre	Course	Δ	Carre	Course	
4	BANERIEE VIJAY	Vijer		VIDER	Vijens	Vijaye	Virgo	
5	BARSWADE LINESH LAXMIKANT	Line		A	Linarh	Lipson	عصيدا	
	BHALERAG ROHIT YASHWANT	B.	@.	(1)	(D)	(B)	(P)	
- 25	BHANDARI AMRUTA BABAN	A	A.	#1 .	A	p.	14	
8	BHOITE PRANALI SHIVAJI	_	Best	Daniel	Theres.	Bend	Parell	
9	BODAR MAYUR BHARATBHAI	Worls	Maden	(Book) om	Contes	Made	A	
10	CHAUBEY SUHAS SATYAPRAKASH	A	A	A	Δ	A	A	
11	CHAUHAN ARJUN MUNIB	100	(AC)	(A)	(AC)	(E)	(P)	
-	CHAVAN KETAN PRAVINSHAI	katon	-	Ketan	Keton	A	keton	
13	CHAWDA SARJAK DINESH	Deserte	- 1 De	Que	and .	Allend	Show	
	DALVI RAHUL MURLIDHAR	A	A	14	A	Д	A	
15	DEHERKAR JAY KIRAN	姆	神	year.	yes-	yag	#4-	
16	DIWALE KRUTIKA PRABHAKAR	reduck.		Linde	Klaude	Helleste	bed male	
17	GAIKWAD POOJA DILIP	4.1	Peola.	Boosa	Poola	Pooja	Poeja	
18	GAITONDE RACHANA KRISHNANAND		Pastores	(Julyane	Pachamo	Doubons	Duchamo	
	GAWDE KAUSTUBH SHASHIKANT	A	A	A	A	A	A	
20	GORAD RAHUL MOHAN	A	4	Δ	Δ	Δ	A	
21	GUPTA AKASH	00	60	(NO)	000	600	(FG)	
22	GURAV NISHA UDAY	Niche	Niche	Niche	Nicka	Nisha	Misha	
23	HANKARE NIKHIL DNYANESHWAR	A	٨	A	A	A-	A	
	HATE SANKITA SHARAD	- 201	84	\$	5	SM	क्ष	
-	HIRVE VISHAKHA ANIL	Phil	Abil	Hard	Lluis	this	Hart	
		A	A	A	A	Α.	A	
	JAIN ANKIT BHARATBHAI JAISWAL BRIJESHKUMAR RAMKUMAR	Arkir	Anta	Her	baker		Antal	
-	IANI HARSH PARESHKUMAR	Tasi	-	/am	Jan	Juin	Jean	
	JAWALE KHUSHABOO SANDIP		Japan	Swele		Barrele	The second second second	
	KAMBLE PRIYANKA ULHAS	Δ	A	A	A	. A-	A	
	KARNIK ATHARVA TUSHAR	Kom	Krenil	Kamil	Kemi	Lamp		
-	LAGAD GEETA SUKESH	when	lador-	John	Let	rade	lada	
-	LOKHANDE RUSHIKESH RAJU	R.L.	R.L.	R.L	PL	P.L.	P.L	
-	MALI ASHVINI BRATU	A	A	Δ	A	Δ	A	
-	MAURYA ANKIT JAINATH	m·A	m+A	m-A	m-A	m-A	mA	1
-	MAURYA SUNNY	A	Α	A	A	A-	<u> </u>	
-	MEHTA RAJ BHADRESH	2h	Rm	2m	Am	Pm	Qm.	
	MESTRY KUNAL DEEPAK	Kain	Knoy	Amon	Kunal	Lord	warel	
38	MHASHILKAR SURANJAN DEEPAK	4	8	8	Sh	A	&	
39	NAGARKAR ONKAR KISHOR	lokor	Onker	Onkor	Onlean	A	onter	
41	NARVEKAR SHRIYA DAYANAND	SN	S.N-	S.N.	SN.		SM-	



VIVA INSTITUTE OF TECHNOLOGY



Computer Engineering Department BE Attendance Sheet | 2018 - 19 |

Somester : Subject incharge : Week/Month: Subject:

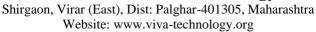
Roll No.	Name	Fyyffier	Date	Diffe:	Date	Date.	Corrent	Tota
-	NIIAVI AARASII KOMAL	1	Λ	^	10	<i>N</i>	Λ	
43	PANCHAL MIHIDLINGMANT	1	14	14	1	1	10	
44	PARMAR AJAY PRAKASHIHIAL	erich.	4	कंभ	00-1	njen	ajes	-
45	PATIL ADITORITIN	Adid i	Adidi	Adili	Alin	Adil	Adill	-
46	PATTL AMEYA PRAKASTI	9.11	1.0.9	Section	Post 5	1.de	Peake	
47	PATIL HARSHAL RAJENDRA	A	1)	11	1	n	Λ	
48	PATIL JAGRUTI SHIVAJI	Bont	Palit	1.19	Mill.	MIL	Patel	-
49	PATTIL PRAVIN SUBJISH	Paul	-	Danie	Gram	parent	burn	
50	PATIL TIGAL KASHINATH	Tojol	Annual Control Sections & Acco.	WARL,	Teled	reject	A	
51	PATOLE PRATIBILA RAMESTI	Pallk		Postilla	Ratillo	6-41/2	Δ	
52	PITALE PRANEETA AMOL	Posta		Costo	(Reshill)		(Augusta)	
53	PUJARI ADETYA MUKESH	Calif	TRACTOR AND APPROPRIATE	delily	Colly	bles	Melitya	
54	HAUT APIRIVA SATISH	Dank	730	Park	Ton O.	D/10	0.0	
55	RAUT JUILLEY SANGRAM	A	1	A	A	Λ	A	
56	RAUT NIBIA MAIRISIE	A	Λ	4	A	A	A	-
57	SANKHE MANDAR RAJENOKA .	Coll	- july	Tout	-	Saul	- coll	
58	SHATKH MERALAJI	(1) Ord	metry	meren	Bletal	Market Committee of the		_
59	SHARMA AMAN	dynami	Acion	Airon	Science pull	merm	meral	
60	SHETKAR SHUBILAM	- shull	Shubby	Shuka	Shunka	Monay Shake	Saltan	_
61	SINGII ABIHISHEK MANISH	A	V	A	A	1	A	-
62	SINGE VISUAL TRUBUVAN	A	A	A	A	A	A	_
63	SOLANKI VARUN	17	. /	./	. /	. /	17	-
64	SUTAR BITESH DILIP	Dilen	Hitest	Wasun Biles	Varon	Centar .	Voma	-
65	TARSARYA RAJIV .		Parive	Bany	Rasir	Witesty Rook	Miter	-
66	TELAVANE JUL SUNIL	term	The second secon	wal.	Laterant	-letatus	Talan	0
-	THAKUR DEEPAL SANTOSH	A	F)	A	1)	A		
-	THAKUR SIDDHESİL SACIHN	Thake	restantes	stoken	daks	mheken	erhake-	-
-	UGALE SHRADDHA VIJAY	Vynle	Ugale	Voole.	Jank	Vale	Usel	_
_	VASKAR AKSHAY ASHISH	yaker.	A	Vaskin	Vasker	VOTER	Value	-
_	YADAY KULDEET RAMKEWAL	Kuller	Ampline	W.L.	Kullay	Maldaer	Kalder	-
_	YADAY NAVEEN RAMASHANKAR	Α	A	Δ	-			-
-	YADAY RAJNATH RAMSAJIVAN	A	-	A	Λ.	A	A.	-
****	YADAY RAKESH KAMAVADII	A	A	A	A	11.7	A	-
	BRONSALE VISHAL SUNIL	Bothish	Bowsell	Bount	should	- Oho mile		-
-	DEVDUEKAR CHINMAY SURYAKANT	humay	chame)	λ.	chimy	ahimme)	eldeney	_
mentane.	LOKHANDE RAJ MANOJ	7.4)	RM	Reg	PHY	Rel	Files	-
distant.	MUKADAM DIPESII KIRAN		A	A	-		-	-
250	SAPKAL PRIYA SHASHIKANT	^	A	px a	_A	A		-
-	SUVARNA RAHUL KAMLAKAR	Robert	Rahad	Pull	Parl	Rahal	Falil	-
SH-	JOSHI VAIHHAV VIJAY			Λ	-			-
11	AMIN ANUSH KARUNAKAR	A		^	^	~	A	_







VIVA Institute of Technology





Department of Electronics and Telecommunication Engineering

Name of Course: Nirman-Arduino Workshop Duration: 30 hours/ 1 week

Day 1- Embedded System Basic (Working, Input devices & Programming Code):

Session 1: Introduction, Hardware & Basic Programming

- ✓ Introduction to basic of embedded system
- ✓ Introduction & explanation of microcontrollers
- ✓ Explanation of AVR ATMega 328 microcontroller
- ✓ Explanation of Arduino board & programming
- ✓ Basic Arduino based programs for interfacing i/o devices

Session 2:

- ✓ Introduction to output devices interfacing
 - Project 1 : LED blinking
- ✓ Introduction to input devices interfacing
 - Project 2: Push button interfacing
- ✓ Rotary encoder interfacing
 - Project 3 & 4:
 - More LEDS switching sequentially based on encoder input
 - ii. Bar graph sort of LED switching based on encoder input

Quiz

Day 2 - Digital & Analog Input Ouput Devices Interfacing

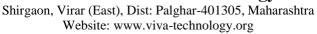
Session 3:

- ✓ Explanation for digital input devices
- ✓ Explanation for analog input devices





VIVA Institute of Technology





Department of Electronics and Telecommunication Engineering

- ✓ Introduction to temperature sensor and its working
- ✓ Basic programming for interfacing temperature sensor
 - Project 5 : Temperature sensor using LM35
- ✓ Introduction to relay
- ✓ Basic programming for interfacing relay
 - Project 6: Automatic temperature controller system (soldering iron temperature control_simple on/off)
- Session 4:
- ✓ Introduction to LDR sensor and its working
- ✓ Basic programming for interfacing LDR sensor
 - **Project 7 :** Light controlled switch
- ✓ Introduction to IR sensor and its working
- ✓ Basic programming for interfacing IR sensor
 - Project 8: Detect presence of object and blink LED accordingly

Quiz

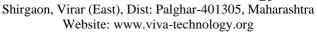
Day 3 - Advance Sensor (Ultrasonic, Hall Effect) and Serial Communication

- Session 5:
- ✓ Introduction to ultrasonic sensor and its working
- ✓ Basic programming for interfacing of ultrasonic sensor
- ✓ Programming and conversion concept for the measurement
- ✓ Formulas for speed, distance & time for distance measurement using ultrasonic sensor
 - Project 9: Distance Finder / Range Finder using
 Ultrasonic
- ✓ Explanation of working of stepper motor & motor driver
- ✓ Interfacing of stepper motor with motor driver & basic motor control program
 - Project 10 : Stepper Motor Rotation
- ✓ Introduction to Hall Effect sensor and its working
- ✓ Basic programming for interfacing Hall Effect sensor





VIVA Institute of Technology





Department of Electronics and Telecommunication Engineering

- Project 11 : Stepper Motor Speed Detection
- Session 6: ✓ Introduction to serial communication & its significance in embedded system
 - ✓ Explanation of program for establishing serial communication for data transfer between computer & Arduino
 - Project 12: Send temperature data and distance measured by ultrasonic to serial port

Quiz

Day 4 - Visible Output, Keypad

- Session 7:
- ✓ Introduction to a 7-Segment LED display
- ✓ 7-segment LED display interfacing & basic data display program
 - **Project 13 :** Temperature indicator on 7 segment
- ✓ Introduction to LCD (16 X 2) & its working
- ✓ LCD Interfacing & Basic data display program
 - Project 14 : Display temperature on LCD
- Session 8:
- ✓ Introduction to matrix keypad & its working
- ✓ Concept of data line reduction & matrix concept
- ✓ Interfacing LCD & matrix keypad with Arduino
 - Project 15: LCD based GUI for user password registration and monitor

Project 16 Smart Door System

/ Product

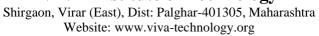
Day 5 - Industry 4.0 and Project Guidance

- Session 9:
- ✓ Tips for Project making
- ✓ Steps for designing a project
- ✓ Schematic designing tips
- ✓ Project development phase





VIVA Institute of Technology





Department of Electronics and Telecommunication Engineering

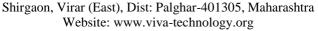
- ✓ Project functional block programming & output
- ✓ Doubt discussion
- Session 10:
- ✓ Industry 4.0: The Fourth Industrial Revolution
- ✓ Certificates & Project Letters distribution for competition

Feedback





VIVA Institute of Technology





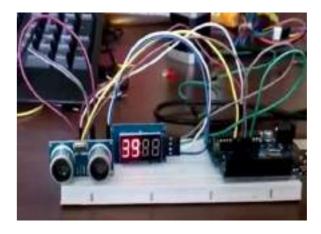
Department of Electronics and Telecommunication Engineering

Report

This 5 days Bridge course was conducted by Prof. Nutan Malekar in order to provide basic knowledge to second year and third year students about an **Arduino** and how it works. It helped students to learn programming concepts using **C** and **C**++ along with Arduino specific programming. The students understood how to use a **wide variety of hardware** and components and prototype projects using a breadboard.

26 students of second year and third year EXTC engineering participated in this course After this bridge course **project exhibition was organized** where every students showcase their knowledge by doing various innovative projects.

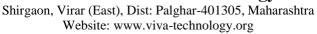








VIVA Institute of Technology





Department of Electronics and Telecommunication Engineering

Course Objectives

Course Objectives

- **♣** To understand what an Arduino is and how it works
- **♣** To learn how to use an Arduino safely
- → To program Arduino using code that have written in the Arduino IDE (Integrated Development Environment)
- ♣ To learn programming concepts using C and C++ along with Arduino specific programming
- **↓** To understand best practice concepts for programming and prototyping
- ♣ To use a wide variety of hardware and components and prototype your projects using a breadboard
- **♣** To build innovative project with Arduino

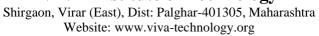
Course Outcomes:

- > Students will be able to get new product or service ideas by hearing about needs in industry.
- > Students will be able to receive large volumes of usable content within a compressed amount of time.
- > Students will be able to get intensive exposure to a topic through presentations and discussions.
- > Students will be able to achieve confidence and motivation for organising different events that improves the personality of a student.
- > Students will be able to achieve confidence and motivation for participating in different events that improves the personality of a student.
- > Students will be able to develop a connection that might help with future employment.





VIVA Institute of Technology





Department of Electronics and Telecommunication Engineering

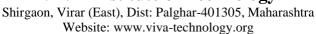
CO-PO MAPPING

Course			Program Outcome										
Outcome	PO 1	PO 2	PO 3	PO 4	P0 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	CO Target level	
CO1	2	-	-	-	-	-	-	-	-	-	-	2	
CO2	-	2	-	-	-	-	-	-	-	-	-	2	
CO3	2	-	-	-	-	2	-	-	-	-	-	2	
CO4	2	-	-	-	-	-	-	-	-	-	-	2	
CO5	-	2	-	-	-	-	-	-	-	-	-	2	
CO6	-	-	-	-	2	-	-	-	-	-	1	1.5	
	2	2	-	-	2	2	-	-	-	-	1		





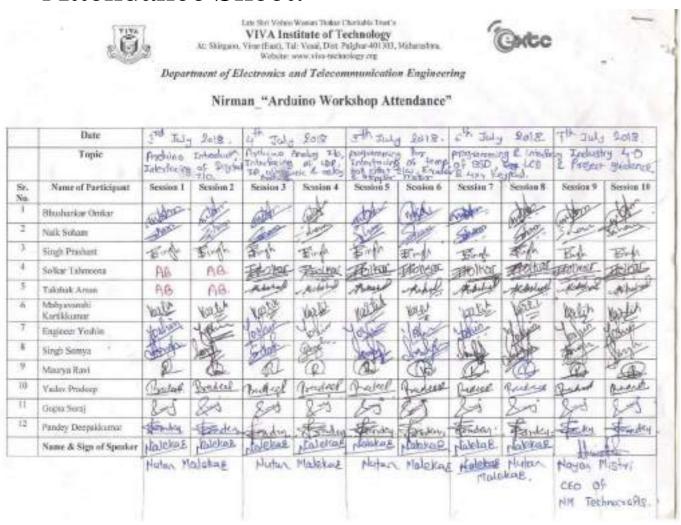
VIVA Institute of Technology





Department of Electronics and Telecommunication Engineering

Attendance Sheet:





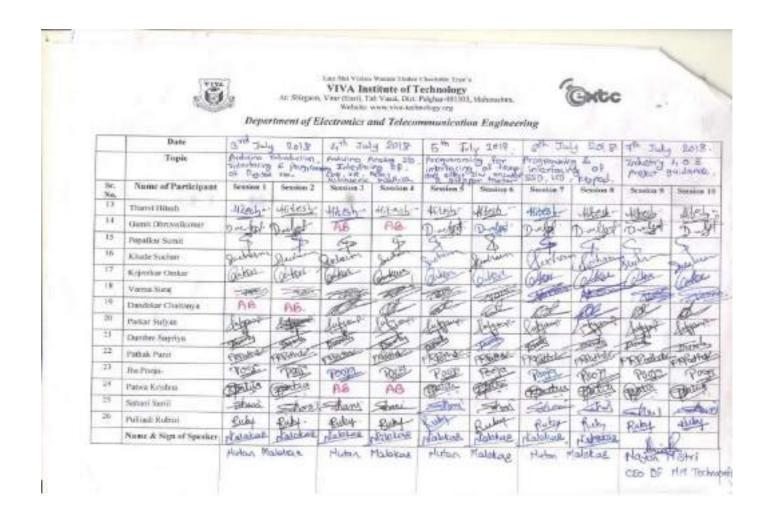


VIVA Institute of Technology



Shirgaon, Virar (East), Dist: Palghar-401305, Maharashtra Website: www.viva-technology.org

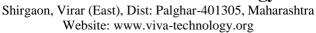
Department of Electronics and Telecommunication Engineering







VIVA Institute of Technology





Department of Electronics and Telecommunication Engineering

Model Certificate







VIVA Institute of Technology



Shirgaon, Virar (East), Dist: Palghar-401305, Maharashtra Website: www.viva-technology.org

Department of Electronics and Telecommunication Engineering

Name of Course:

PCB Design Workshop

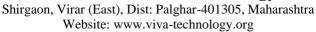
Duration: 30 hours

Module	Content	Hours
1	Printed circuit Board Design:	10
	Study of Packages of Electronic Components.	
	History of Printed Circuit Boards.	
	Various types of Printed Circuit Boards-Single	
	Sided Boards, Double Sided Plated through Hole	
	Boards, multilayer Boards.	
2	Printed Circuit Board Design Methods:	12
	Rules for single and Double Sided Board.	
	Schematic diagram Entry in PCB Design tool /S/W.	
	Layout Design, Routing methods .Guideline for	
	Artwork Generation.	
	Generation of various Manufacturing Documents/	
	Output file generation.	
	Component Library management in PCB Design	
	tool.	
3	Study of-Fault Finding methods of PCBs,	8
	Repairing Techniques. De-soldering techniques,	
	replacement of Component /Solder Pad /Track	
	repairing methods.	





VIVA Institute of Technology





Department of Electronics and Telecommunication Engineering

Report

Duration: 11th Jan 2019 to 8th Apr 2019.

Venue: VIVA Institute Of Technology, Shirgaon.

Electronics & Telecommunication Engineering Department of VIVA Institute of Technology organized a 30 hours' certificate course on "PCB Design Workshop" during 11th Jan 2019 to 8th Apr 2019.

The expanding electronics and industrial sectors place high demands on an individual's skill set. It is alwa ys advisable to learn new things and have a certain skill set up to work in industry because of the competit ive market, industrial necessities, and declining demand for labor force. The workshop was basically aime d to provide basic knowledge to second year of semester 4– EXTC students of design, draught, and fabric ation of printed circuit boards which was conducted by **Mr. Kushal Suvarna sir** as the speaker who guid ed the participants.

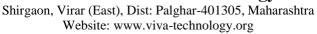
The event was a success with very positive feedback from the participants. The speech was an inspiring o ne that covered the broad future scopes of the field. The Principal being an encouraging one who said that for such events where in student development is involved, he will always be supportive. In the speech give n by **Mrs. Archana Ingle**, H.O.D of EXTC, students gained an idea of how this workshop can be utilized to take creative projects in this field.

Mr. Kushal Suvarna sir introduced themselves to the participants and enlightened them about the fantastic and intriguing field and narrated their various achievements and their future plans.





VIVA Institute of Technology





Department of Electronics and Telecommunication Engineering

Course Objectives

- 1 Understand basics of PCB designing.
- 2 Apply advance techniques, skills and modern tools for designing and fabrication of PCBs.
- 3 Apply the knowledge and techniques to fabricate Multilayer, SMT and HDI PCB.
- 4 Understand concepts of Packaging.

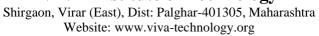
Course Outcomes:

- 1. Students will be able to explore different aspect of Printed Circuit Board Design and fabrication.
- 2. Students will be able to learn various types of PCBs, Schematic Design, Entry Rules for Schematic Entry, Component Layout methods,
- 3. Students will be able to learn Placement Rules, Routing Techniques for Single Sided Board,
- 4. Students will be able to learn Post Processing of design and Fabrication documents.
- 5. After completing this course students can design and fabricate their own PCB for their Project and can also work in PCB Designing and Fabrication area.





VIVA Institute of Technology





Department of Electronics and Telecommunication Engineering

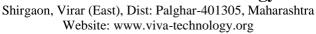
CO-PO MAPPING

Course			Program Outcome										
Outcome	PO 1	PO 2	PO 3	PO 4	P0 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	CO Target level	
CO1	2	-	-	-	-	-	-	-	-	-	-	2	
CO2	-	2	-	-	-	-	-	-	-	-	-	2	
CO3	2	-	-	-	-	2	-	-	-	-	-	2	
CO4	2	1	-	-	-	-	-	-	-	-	1	2	
CO5	ı	2	-	-	-	-	-	-	-	-	ı	2	
	2	2	-	-	2	2	-	-	-	-	-	2	





VIVA Institute of Technology





Department of Electronics and Telecommunication Engineering Model Certificate



Student Certificate:



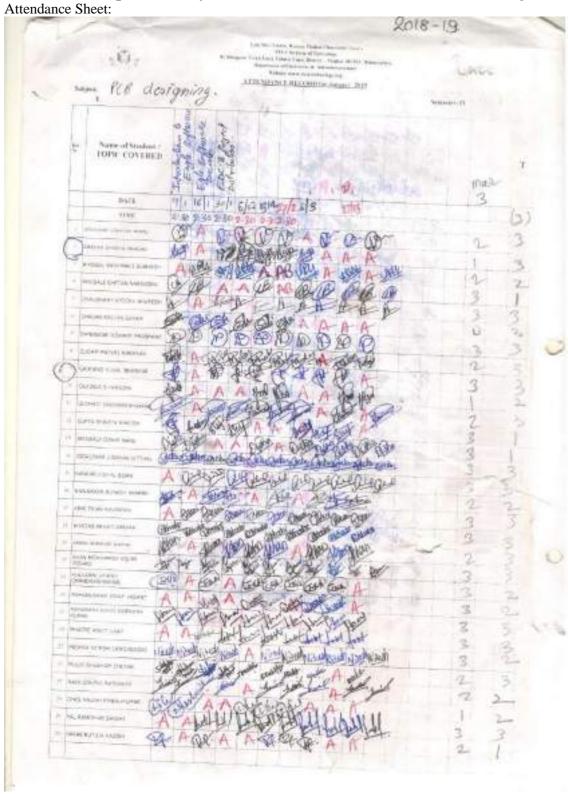


VIVA Institute of Technology



Shirgaon, Virar (East), Dist: Palghar-401305, Maharashtra Website: www.viva-technology.org

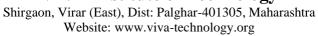
Department of Electronics and Telecommunication Engineering





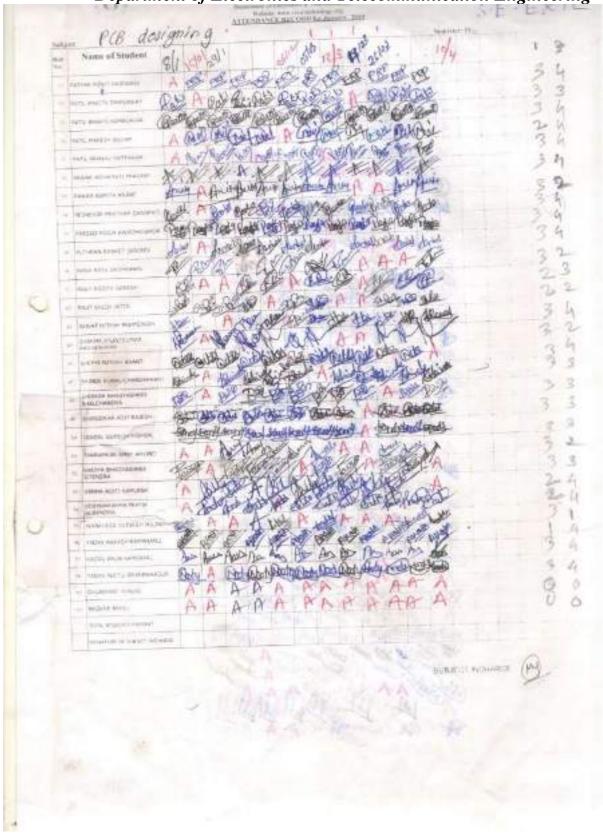


VIVA Institute of Technology





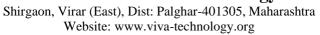
Department of Electronics and Telecommunication Engineering







VIVA Institute of Technology





Department of Electronics and Telecommunication Engineering

Name of Course:

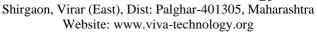
Research Methodology Tools

Duration: 30 hours

Date and Day	Time	Contents					
	8.30 to 9.30	Breakfast, Registration and Inauguration					
	9.30 - 11.30	Introduction to Research					
2 nd Jan 2019	11.30 - 11.45	Tea Break					
2 3411 2017	11.45 - 12.45	Online research tools					
	12.45-1.30	Lunch Break					
	1.30 -4.30	How to select Research Topic					
	9.00-11.00	Research Ethics					
	11.00-11.15	Tea Break					
3 rd Jan 2019	11.15-12.45	Scholarly Publications					
	12.45 - 1.30	Lunch Break					
	1.30 - 4.00	A journey from Research to publication					
	9.00-11.00	How to do Literature Review					
	11.00-11.15	Tea Break					
4 th Jan 2019	11.15-12.45	How to maintain cordial relation between student and guide					
	12.45 - 1.30	Lunch Break					
	1.30 - 4.00	Data Collection					
	9.00-11.00	Basics of Embedded systems & recent trend					
	11.00-11.15	Tea Break					
5 th Jan 2019	11.15-12.45	Technical Paper writing skills					
	12.45 - 1.30	Lunch Break					
		Industry and Institute Interaction & Industry					
	1.30 – 4.00	Collaborative research					
	9-12.45	Optimization in research Methodology					
6 th Jan 2019	12.45-1.30	Tea Break					
htepson (S) t Veso, (S)	1.30 - 4.00	Valedictory Session					



VIVA Institute of Technology





Department of Electronics and Telecommunication Engineering

Report

Duration: 2nd January to 7th January 2019.

Venue: VIVA Institute Of Technology, Shirgaon.

Electronics & Telecommunication Engineering Department of VIVA Institute of Technology organized a 30 hours' certificate course on "Research Methodology Tools" from 2nd January to 7th January 20 19 conducted by Mrs. Devshree Ugvekar.

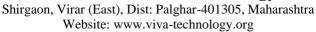
The objective of the "Research methodology" training program is to teach the techniques and technical paper writing and ethics in research. This STTP provides relation building of the institute with industry for collaboration. The purpose of this STTP is to bring together researchers & students from academia to have discussions on the recent methods in research techniques. This program also deals with the various ways to read and write the technical research papers which will help them to improve their paper writing skills. The STTP aims at equipping teachers with skills and knowledge in order to create a better society by guiding, training and motivating the students to take up research projects.

Topics Covered in STTP on "Research methodology"
☐ Online research tools
☐ Optimization in research Methodology
☐ Industry and Institute Interaction & Industry Collaborative research
☐ Revenue generation through institute
☐ Technical Paper writing skills
☐ Research Data Analysis.
As new developments are introducing in industry day by day demanding expertise in the field of Research
Methodology, it was felt necessary that the student also become competent in the said field.





VIVA Institute of Technology





Department of Electronics and Telecommunication Engineering

Course Objectives

- 1. To learn the skills of technical paper writing.
- 2. To learn optimization in research methods.
- 3. To understand knowledge of collaborative research.
- 4. To learn the Multivariate Data Analysis techniques in research.

.

Course Outcomes:

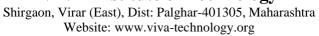
After successful completion of the course, the students are able to

- The participants will learn the skills of technical paper writing.
- ➤ Gain the knowledge of collaborative research.
- ➤ Learn different online strategies and methods using different software and tools.
- ➤ Learn optimization in research methods.
- Learn the Multivariate Data Analysis techniques in research.





VIVA Institute of Technology





Department of Electronics and Telecommunication Engineering

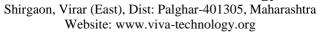
CO-PO MAPPING

Course Outcome			Program Outcome											
	PO 1	PO 2	PO 3	PO 4	P0 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	CO Target level		
CO1	2	-	-	-	-	-	-	-	-	-	-	2		
CO2	-	2	-	-	-	-	-	-	-	-	-	2		
CO3	2	-	-	-	-	2	-	-	-	-	-	2		
CO4	2	-	-	-	-	-	-	-	-	-	-	2		
	2	2	-	-	2	2	-	-	-	-	ı			





VIVA Institute of Technology





Department of Electronics and Telecommunication Engineering Model Certificate

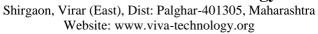


Student Certificate





VIVA Institute of Technology





Department of Electronics and Telecommunication Engineering

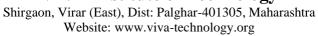
Attendance Sheet:







VIVA Institute of Technology





Department of Electronics and Telecommunication Engineering





VIVA INSTITUTE OF TECHNOLOGY

SHIRGAON, VIRAR (EAST)

DEPARTMENT OF MECHANICAL ENGINEERING

Late Shree Vishnu Waman Thakur Charitable Trust's

VIVA Institute of Technology

Shirgaon, Virar (E)

Department of Mechanical Engineering

VIVA/VIT/MECH/STUDENT/2018-19

Date: 22/06/2018

NOTICE

All the shortlisted students of Mechanical Engineering are hereby informed to attend the Value Added Course organized by Department of Mechanical Engineering on the topic of "Advance Solid Works" from 25th June to 29th June 2018.

Timing:-

1st Session:- 9.00 am - 12. pm

2nd session:- 1.00 pm - 4.00 pm

Venue:- CAD CAM Lab

Prof. Tejas Chaudhari

Faculty Co-ordinator

Prof. Nivati Raut

HOD Mechanical



VIVA INSTITUTE OF TECHNOLOGY

SHIRGAON, VIRAR (EAST)

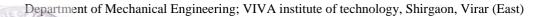
DEPARTMENT OF MECHANICAL ENGINEERING Syllabus & Course Outcomes

Course Name: Advance Solid Works

Academic Term: July 2018 to Dec 2018

Syllabus:

Module	Details	Hours
1	Sketching with SolidWorks: 2D Sketching, sketching entities and relations, 3D Sketching, Editing & its features, Dimensions, Sketch tool, Mirror, Convert entity, Move & Copy Part Modeling: Extrude and Cut extrude, Revolve and Sweep, View toolbar, Creating Reference geometries, Fillet and Chamfer, Hole wizard, Calculating weight/mass & other geometric properties, Export / Import of CAD files.	6
2	Advanced Part Modeling: Adding ribs and draft, Circular and rectangular pattern, Shell and Boss feature, Configuration and Design Tables, Material Library & Assigning Material, Library Features & Smart Fasteners, Boolean operations.	6
3	Assembly Mode: Getting started with Assembly, Inserting components in assembly, Top-Down Assembly, Feature Manager Design tree & Symbols, Hiding components & controlling transparency, Sub-Assemblies, Using mates in assembly, Use of Smart Fasteners, Bottom -Up Assembly, Interference detection and misalignment of holes, Exploding assemblies and adding explode lines.	6
4	Generating detail drawings from Model: Drafting overview, Drawing sheets and views, Adding drawing views, View settings and drawing properties, Smart Dimensioning, Annotations and Symbols, Sheet Formats and Templates, Ballooning for nomenclature, Adding Bill of Material and tables.	6
5	Surface Modeling / Sheet Metal: Introduction to surfacing tools, Sweep, Loft, Revolve, Offset etc., Filleting and trimming, Utilization of Sheet Metal & forming tools.	6



VIVA INSTITUTE OF TECHNOLOGY

SHIRGAON, VIRAR (EAST)

DEPARTMENT OF MECHANICAL ENGINEERING

Course Outcomes

Sr. No.	CO Code	Course Outcomes
1	CO_1	Visualize and prepare 2D & 3D modeling of a given object using solid works software.
2	CO_2	Build solid model of a given object using solid works software.
3	CO_3	Generate assembly models of given objects using assembly tools.
4	CO_4	Perform product data exchange among CAD systems.
5	CO_5	Build solid model of a given object using surface modeling.

Late Since Vishna Vishna Warner Chernable Troofs

VIVA Institute of Technology

At Shingson, Virar (East), Takka-Vasil, Palghar District – 401305, Maharashm. Department of Mechanical Engineering

YALUE ADDED COURSE - ADVANCE SOLID WORKS Academic Year : 3018-19

Course Duration: 25th June to 29th June 2018

Time; 9.00 am to 12.00 pm

3000		200			Date		
Sr. No.	Name of Students	Cinss	25/06/2018	26/06/2018	27/06/2018	28/96/2018	25/06/201
1	CHAUDHARI RUPESH BENIRAM	SE	182	OB.	R	R	R
2	DUBEY MANAS SANTOSH	SE	Manu	Mauri	Man	MALL	w
1	NIMBARE TUSHAR TUKARAM	SE	tusty	Tuely	tuely	tusty	tust
4	PRAJAPATI KHUSHAL CHHITERMAL	SE	Kuda	Buto	Ede	Derica	Rush
5	BIRWATKAR ANIKET ANANT AKSHATA	TE	Arita	Avieka	Avulea	Anulea	Ank
6	JHA BALRAM CHANDRAKANT NAGINA	TE	Belin	.83	Baler	Balu	Ball
7	GULHANE AMAN ASHOK MAMTA	TE	Aman	Amon	Amoun	Amou	Amo
8	JANGLE SHUBHAM SUNIL SMITA	TE	Shuku	Shyllen	Shuber	Shuhr	Shul
9	KADAM SIDDHIKA SUDHAKAR NISHITA	TE	19=	-Booms	8	-6-	8-
10	RAUT KEDAR MANOHAR MEENA	TE	Bratto	Brath	Evath	Barto	ATS
- 11	BHATT DARSH PRANAV PURVI	8E	Dores	Darres	Thrus	Downs	Barre
12	JOSHI KHUSHAL ANANT ANKITA	BE	Posts	Postu	Walin	Rosli	Bas
13	KAWALE HEMANT SURESH VIJAYALAXMI	3E	ueine	Hans	Henry	Herry	Hany
14	NIJAI PRACHI RAJENDRA MEENAKSHI	BE	Ment	MAG	MP	Ne	MORE
13	SHALKAR DIPAK DHARMA RAJI	9.5	Dieur	Down	apun	DHPK	Dypa
16	PANDIT PRITI LAU SHWETA	9E	St. Hi	TRAT	PH	PiM.	PAIN
17:	VENGURLEKAR RITESH VIJAY VIJAYA	BE	Riter	Rota	ma	Mina	Am

Prof. Tejas Chauchari Faculty Co-ordinator (Mechanical Engineering Dopt.)

Prof. Fiyati Rauc HOD (Mechanical Engineering Dept.)



Lase Stree Vishna Vishna Warran Charcoble Trust's

VIVA Institute of Technology

At. Shepton, Virus (East), Taluka-Vesar, Paligher District - 401 305, Mohamshira. Department of Mechanical Engineering

VALUE ADDED COURSE - ADVANCE SOLID WORKS

Academic Yase : 2018-19

Course Duration: 25th June to 29th June 2018

Time: 1.08 pm to 4.00 pm

Sr. No.	No. of Co. 1	01			Date		
34.150.	Name of Students	Class	25/06/2018	26/06/2018	17/06/2018	28/06/2018	29/06/201
-1	CHAUDHARI RUPESH BENIRAM	SE	Duna	Rupa	Russa	Rupa	RUD
2	DUBEY MANAS SANTOSH	SE	Hous	Jacks	short	Hols	Hook
3	NIMBARE TUSHAR TUKARAM	SE	-	teros.	te-	100	0
4	PRAJAPATI KHUSHAL CHHITERMAL	SE	Dabit	AK	Pom/asi	Produt	Product
5	BIRWATKAR ANIKET ANANT AKSHATA	TE	Men	NA	NOV	NAS	Mah
6	JHA BALRAM CHANDRAKANT NAGINA	TE	SHAD	HAB-	HOB	BR	11-11-2
7	GULHANE AMAN ASHOK MAMTA	TE	may .	MY N	Mark	room	MAGIN
8	JANGLE SHUBHAM SUNFL SMITA	TE	250	JUNE.	BHH	ars	MAH
0	KADAM SIDDHIKA SUDHAKAR NISHITA	TE	Haden	shada	Shak	Skod	SKA
10	RAUT KEDAR MANCHAR MEENA	TE	Parath	Bhoth	Quatt	math	Quel
11	BHATT DARSH PRANAV PURVI	BE	Blot	1340	Bhat	Bhat	Phad
12	JOSHI KHUSHAL ANANT ANKITA	BE	Klurki	khushi	Klush	Khul	Khus
13	KAWALE HEMANT SURESH VUAYALAXMI	BE	Heran	AR	of form	Stone	4box
14	NUAI PRACHI RAJENDRA MEENAKSHI	BE	Brocke	Roadsi	Prachi	Prodi	Proch
15	SHALKAR DIPAK DHARMA RAJI	BE	Diguy.	Digue	Divers	Dian	Dipu
16	PANDIT PRITI LAU SHWETA	BE	Buti	Biti	Buti	Omli	BA
17	VENGURLEKAR RITESH VIJAY VIJAYA	DE	Reces	Bon	Rea	Rec	Ram

Prof. Tejas Clibudhari Faculty Co-ordinator (Mechanical Engineering Dept.) Prof. Nyati Raut H.O.D

(Mechanical Engineering Dept.)





VIVA Institute of Technology

Approved by AICTE New Delhi, DTE, Govt, of Maharashtra and Affiliated to University of Mumbai Shirgaon, Virar(E.), Dist: Palghar-401305, Maharashtra

CERTIFICATE

This to certify that Dr. / Mr. / Ms. KADAM SIDDHIKA SUDHAKAR NISHITA

has attended a Short Term Training Program on "ADVANCE SOLID WORKS" during the
period 25th June - 29th June, 2018 at Department of Mechanical Engineering, VIVA Institute of
Technology, Shirgaon, Virar.

Œ

Mr. Tejas Chaudhari (CO-ORDINATOR) MAGME

Mrs. Niyati Raut (HEAD OF THE DEPARTMENT) Guman

Dr. Arun Kumar (PRINCIPAL)



VIVA INSTITUTE OF TECHNOLOGY

SHIRGAON, VIRAR (EAST)

DEPARTMENT OF MECHANICAL ENGINEERING

Late Shree Vishnu Waman Thakur Charitable Trust's

VIVA Institute of Technology

Shirgaon, Virar (E)

Department of Mechanical Engineering

VIVA/VIT/MECH/STUDENT/2018-19

Date: 28/12/2018

NOTICE

All the shortlisted students of Mechanical Engineering are hereby informed to attend the Value Added Course organized by Department of Mechanical Engineering on the topic of "ANSYS (Engineering Simulation)" from 1st January to 5th January 2019.

Timing:-

1st Session:- 9.00 am - 12. pm

2rd session:- 1.00 pm - 4.00 pm

Venue:- CAD CAM Lab

Prof. Tejas Chaudhari

Faculty Co-ordinator

Prof. Niyati Raut

HOD Mechanical



VIVA INSTITUTE OF TECHNOLOGY

SHIRGAON, VIRAR (EAST)

DEPARTMENT OF MECHANICAL ENGINEERING Syllabus & Course Outcomes

Course Name: ANSYS (Engineering Simulation)

Academic Term: Jan 2019 to May 2019

Syllabus:

Module	Details	Hours
1	Solid Modeling: An Overview of Solid Modeling Operations, Working with Boolean operations, Working Plane, Importing of 3D models.	4
2	Meshing: Free meshing or Mapped meshing, Setting Element Attributes, Selecting Element Type, Shape Function, DefiningElement Types, Defining Section Properties, Assigning Element Attributes before meshing, Mesh Controls, The ANSYS Mesh Tool, Smart sizing, Meshing, Free Meshing, Mapped Meshing, Hybrid meshing, Mesh Extrusion, Volume Sweeping.	8
3	Boundary Conditions: Types of Loads, Applying loads. Solvers: Types of Solvers, Solver Setup, Load Step Options, Solving Multiple Load Steps.	6
4	Tips & Tricks: Using the Toolbar & Creating Abbreviations, Introduction to APDL, Using Parameters, Using the Start File, Using the Session Editor, Using Input Files.	4
5	ANSYS Workbench: Introduction to ANSYS Workbench, Graphical User Interface, Static Structural Analysis, Modal Analysis, Thermal Analysis, Contact Recognition.	8



VIVA INSTITUTE OF TECHNOLOGY

SHIRGAON, VIRAR (EAST)

DEPARTMENT OF MECHANICAL ENGINEERING

Course Outcomes

Sr. No.	CO Code	Course Outcomes
1	CO_1	Apply basic aspects of Analysis to solve engineering problems.
2	CO_2	Select suitable meshing and perform convergence test.
3	CO_3	Apply basic aspects to solve engineering problems.
4	CO_4	Perform basics tricks and tips to solve engineering problems.
5	CO_5	Interpret the result.

Late Stree Vislam Vislam Warner Charleste Trusts

VIVA Institute of Technology

At Shirgson, Vyor (East), Takka-Vasai, Pelgher Dumet – 401303, Maltaradies

Department of Mechanical Engineering

VALUE ADDED COURSE - ANSYS (Engineering Simulation)
Academic You: 2018-19

Course Dyration : 1st Jan to 5th Jan 2015

Time: 9.00 am to 12.00 pm

Sr. No.		Class	Dute				
	Name of Students		01/01/2019	02/01/2019	83/01/2019	04/01/2019	05/01/2019
1	GHANEKAR NINAD SURESH	SE	Potos	A Goldon	Maldy	+Gloke	COKE
2	GUPTA AAKASH RATAN	SE	PROD	PHS	paper.	North	OGIFT
3	NIMBARE TUSHAR TUKARAM	SE	NADO	THE	1460	Atur	Attain
4	SAWANT YASH CHANDRASHEKHAR	SE	Vernet	Lecont	Kent	Jouret	Ken
5	VARTAK ABHIDNYA MANOJKUMAR	SE	Vaplate	vandak	Variab	Vartes	m1.
6	BHAMARE MAYURI ROHIDAS SHAILAJA	TE	mf.	1	1	my	Juny.
7	JHA BALRAM CHANDRAKANT NAGINA	TE	HAB	SF103	1145	- 043	1+10-1
8	KHAN SHAHNAWAZ IDRIS SHAMIMUNNISHA	TE	our	que	1000	5-	Sm
9	PATEL PANKAJ SURENDRA SANGEETA	TE	phales	Protei	P.Patel	p.Patel	P. Pate
10	GHARAT GIRISH NARESH NAMRATA	BE	(hand)	chint.	July	1-10	amy
- 11	CHARAT SANIL SACHIN SANGEETA	BE	phyt	apolo	Marito	Gwist	These
12	KHAN ABDUL KARIM	BE	AKten	Akhan	Atten	Akhan	Akho
13	NANGLE DIPESH MARUTI MAMTA	BE	Digen	Dipost	Dogesh	RIPORT	Diposh
14	WAYANGANKAR GANESH VILAS VINITA	BE	Gere	Gage	and	100	PM
15	YADAV ABHISHEK RAJNARAYAN DURGAVATI	BE	PMS	Ryleby	Hypolu	A Yach	HP Yeld

Prof. Tejas Chaudhari Facsiny Co-ordinator (Medianical Engineering Dept.)

(Mechanical Engineering Dept.)



Late Store Victory Videou Warren Chandelle Front's

VIVA Institute of Technology

At Shingson, Vita: (East), Takha-Vinat, Palghar Osansi — 401305, Mohareshma Department of Mechanical Engineering

VALUE ADDED COURSE - ANSYS (Engineering Simulation) Academic Year (2018-19)

Course Duration : 1st Jan to 5th Jun 2019

Time: 1,00 pm to 4.00 pm

		Class	Date							
Sr. No.	Name of Students		01/01/2019	02/01/2019	03/01/2019	04/01/2019	05/11/201			
-	GHANEKAR NINAD SURESH	SE	Nobbs	~ Glasse	Chale	Notak	- Marie			
2	GUPTA AAKASII RATAN	SE	ng ala	PR.	veras.	Prayer	Ans			
1	NIMBARE TUSHAR TUKARAM	SE	Natural and	Mah	- Dodewie	Mark	Utto			
4	SAWANT YASH CHANDRASHEKHAR	56	Lugar	tract	Yearyt.	Trans.	Kaun			
5	VARTAK ABHIDNYA MANOJKUMAK	56.	Charles	ALL		The same	1,00			
6	BHAMARE MAYURI ROHDAS SHAILAJA	TE	James A	عجسا	June .	aher-	25			
7	JIIA BALRAM CHANDRAKANT NAGINA	TH.	Talas	Bur	alex	De	do			
	KHAN SHAHNAWAZ IDRIS SHAMIMUNNISHA	TE	Color	DON	Am	Denter	CONH			
9	PATEL PANKA) SURENDRA SANGEETA	TE	RPMC	ppate	Cita	6.88	Pares.			
10	CHARAT GIRISH NAKESH NAMILATA	DE	1	1	11-1	Trah	Clout			
11	GHARAT SANIL SACIUN SANGEETA	DE	nos	AN	Arhan I	Han	MARCO			
12	KHAN ABDUL KARIM	BE BE	Price C	DIPLE	Direch	DIONA	Digas			
13	NANGLE BIPESH MAKUTI MAMTA	BE	Diposh	GO	000	ane	20			
14	WAYANGANKAR GANESH VILAS VINITA TADAV AIIRISHEK RAINARAYAN DURGAYATI	BE	Market	othere	Allew	ABOU	Alder			

Prof. Tejas Glaudhari Facally Co-ordinator (Medianical Engineering Dapi)

(Medianical Engineering Dept.)





VIVA Institute of Technology

Approved by AICTE New Delhi, DTE, Govt. of Maharashtra and Affiliated to University of Mumbai Shirgaon, Virar(E.), Dist: Palghar-401305, Maharashtra

CERTIFICATE

This to certify that Dr. / Mr. / Ms. NIMBARE TUSHAR TUKARAM

has attended a Short Term Training Program on "ANSYS (Engineering Simulation)" during the period 1st Jan - 5th Jan, 2019 at Department of Mechanical Engineering, VIVA Institute of Technology, Shirgaon, Virar.

(Reg)

Mr. Tejas Chaudhari (CO-ORDINATOR) MAGALE

Mrs. Niyati Raut (HEAD OF THE DEPARTMENT) Otima

Dr. Arun Kumar (PRINCIPAL)



VIVA INSTITUTE OF TECHNOLOGY

SHIRGAON, VIRAR (EAST)

DEPARTMENT OF MECHANICAL ENGINEERING

Late Shree Vishnu Waman Thakur Charitable Trust's

VIVA Institute of Technology

Shirgaon, Virar (E)

Department of Mechanical Engineering

VIVA/VIT/MECH/STUDENT/2018-19

Date: 28/12/2018

NOTICE

All the shortlisted students of B.E. Mechanical Engineering are hereby informed to attend the Value Added Course organized by Department of Mechanical Engineering on the topic of "Introduction to Radiography Non Destructive Testing (RT) Method" from 01st January to 05th January 2019.

Timing:-

1st Session:- 9.00 am - 12.00 pm

2nd session:- 1.00 pm - 4.00 pm

Venue:- CAD CAM Lab

Prof. Tejas-Chaudhari

Faculty Co-ordinator

Prof. Niyati Raut

HOD Mechanical

VIVA INSTITUTE OF TECHNOLOGY

SHIRGAON, VIRAR (EAST)

DEPARTMENT OF MECHANICAL ENGINEERING

Syllabus & Course Outcomes

Course Name: Introduction to Radiography Non Destructive Testing (RT) Method

Academic Year: 2018-19

Syllabus:

MODULE	DETAILS	HOURS
	Module 1: Basic Principles of Non-Destructive Testing	
	Definition and importance of NDT	
	Types of NDT methods	
	Visual testing (VT)	
1	Liquid penetrant testing (PT)	5
1	Magnetic particle testing (MT)	5
	Eddy current testing (ET)	
	Radiographic testing method (RT)	
	Ultrasonic testing (UT)	
	Comparison of different NDT methods	
	Module 2: Film Exposure	
	Making a Radiograph	
	Factors Governing Exposure	
	Geometric Principles Relations of Mill amperage (Source	
	Strength), Distance and Time	
2	The Reciprocity Law	7
	Exposure Factor	
	Determination of Exposure Factors	
	Contrast	
	Choice of Film	
	Radiographic Sensitivity	
	Module 3: Absorption and Scattering	
3	Radiation Absorption in the Specimen	6
3	Scattered Radiation	6
	Reduction of Scatter	

VIVA INSTITUTE OF TECHNOLOGY

SHIRGAON, VIRAR (EAST)

DEPARTMENT OF MECHANICAL ENGINEERING

	Mottling Caused by X-ray Diffraction	
	Scattering in High Voltage Megavolt	
	Module 4: Radiographic Screens	
4	Functions of Screens	4
4	Lead Foil Screens	4
	Fluorescent Screens	
	Module 5: Industrial Radiographic Films	
	Selection of Films for Industrial Radiography	
	Photographic Density	
5	Densitometers	8
	X-Ray Exposure Charts	
	Gamma Ray Exposure Charts	
	The Characteristic Curve	

Course Outcomes:

SR. NO.	CO CODE	COURSE OUTCOMES
1	CO_1	Apply basic aspects of Inspection to solve engineering problems.
2	CO_2	Understand the concept of Film Exposure.
3	CO_3	Understand the concept of Absorption and Scattering.
4	CO_4	Select appropriate Radiographic Screens.
5	CO_5	Select suitable Industrial Radiographic Films.

Late Sheer Visites Visites Warras Charitable Treat's

VIVA Institute of Technology

At. Shirgoon, Viner (Ilast), Tabaka-Venni, Palglor District - 401305, Mahareshtra

Department of Mechanical Engineering

VALUE ADDED COURSE - Introduction to Radiography Non Destructive Testing (RT) Method

Academic Year : 2018-19

Course Duration : 1st Jan to 5th Jan 2019

Time: 9.00 am to 12.00 pm

C. N.		er.			Date		
Sr. No.	Name of Students	Class	01/01/2019	02/01/2019	03/01/2019	04/01/2019	05/01/2019
1	BHOIR NIRAJ PRADIP MADHURI	BE	Bloom	3	Homo "	BLesv.	BIN
2	DHOSALE PRATIK NANDKUMAR CHEAYA	BE	P.BLuste	DiBlow	Robert	PBh	PB
3.	CHIPKAR VINAY SURESH SHUBHANGI	BE	AB	Dink	Taphy	Dire	April
4	DADAS RAHUL RAMCHANDRA SHEELA	BE	D. Par	D. Rotel	DRONG	D. Ford	D.Rol
5	GADA DIPAM BIPIN REKHA	BE	Bipum	Dipon	Gipin	Dipom	(Dipor
6	GHADI SHUBHAM DEEPAK PRIYA	BE	203	\$	Q	28	3
7	JADHAV TEJAS ROHIDAS ROHINI	BE	F.09	Feas	AB	Ferra	Fersy.
8	JADHAV VINIT SADANAND DHANU	BE	Vist de	Vinit	white.	~ with	y and
9	JAISWAL SHAILESH RAM PRAVESH BINDU	BE	25	.0.5	5.1.	8-5	5-5
10	NADAM GANESH BALASAHEB SEEMA	BE	KD	U.D	K.D	K.D	K.D
11	KAKAD RISHIKESH SHIVAJI SUNANDA	BE	Pleaso	D. Kuto	2. L. KO	A. koto	Delup
12	MENGU ABHISHEK BHEEMRAJU	BE	AB	AMOUNT	A.man	ArMaya	A-Mes
13	MHATRE AMOGH ARVIND ANAGHA	BE	Arregh	Donath	0 1	0.	Ames
14	MHATRE DURGESH DAYANAND ALKA	BE	D. Mhoday	D topy	D. Why	Donne	P mh
15	MHATRE RUGVED DIVVANATH ANJALI	86	RIETO .	AB	P. KSIH	RASTE	K-9611
to	MHATRE YASH NITIN NITUA	BE	Hompite	AB	y.platre	Viprodute	Ymhon
17	KAMBLE AMIT ANANT	BE	Homble	North	Alambk	ALL	Mak
18	PAWAR OMKAR BABAN SANGEETA	BE	Omto	Onto	Jones	Onto.	Ornhan
19	PHUTANE CHAANDAN NARESH VAISHALI	BE	Dun	Que	Pour	Coch	000
20	POL PRADUNYA HANUMANT ANITA	BE	AB	ह्येन	5121	DOL	Dal
21	SANKHE VINAY KAMALAKAR KAMINI	BE	Dath!	Frinte	Morre	AB	How
22	SANKHE VINEET KAMALAKAR KAMINI	BE	Proble	Charles	Runde	CP July	Vende
23	SINGH SAURAV VISHNU URMILA	BE .	Saura	5. Saum		Canada	1
24	SINGH SONU PRAMOD RENU	BE	Don't	Same	Come.	Sisanon	Seam
25	VALA DHARMIT PRASHANT SONAL	BE	rem	201	MB	2	AB
26	VARTAK BHAVIN KEVAL GEETA	BE	TALL C	VBhon	-1	V Brend	VEST
27	VHATKAR SNEHAL RAMAKANT CHHAYA	BE	VS	1.2	123 min	All May	Thor
28	VISHWAKARMA VIPIN RAMBHARAT GYANDEVI	BE	AB	Vipin	VIPIZ	Ma	12
29	YADAV NAVNEET KAMLESH BHANMATI	BE	exempt.	Nove	March	Vipin	Nibi
30	YADAV VUAY DAYASHANKAR GULABIDEVI	BE	WiJe	Vietay	AB	Mout	Norm

Prof. Tajas Chaudhari Faculty Co-ordinator (Mechanical Engineering Dept.)

Prof. Nyati Raut

(Mechanical Engineering Dept.)



VIVA Institute of Technology

At. Shirgnor, Viter (East), Talaka-Vassi, Palgher District - 401305, Mahareshtra.

Department of Mechanical Engineering

VALUE ADDED COURSE - Introduction to Radiography Non Destructive Testing (RT) Method

Academic Year : 2018-19

Course Duration : 1st Jan to 5th Jan 2019

Time: 1.00 pm to 4.00 pm

0	No. of the second	Sant-State			Date		
Sr. No.	Name of Students	Class	01/01/2019	02/01/2019	03/01/2019	04/01/2019	05/01/2019
1	BHOIR NIRAJ PRADIP MADHURI	BE	Blum	BIT	MA	AB	Bio
2	BHOSALE PRATIK NANDKUMAR CHHAYA	BE	PBher	PBhoro	PBlog	PRhy	PBluse
3	CHIPKAR VINAY SURESH SHUBHANGI	DE	AB (Viligher	Diphon	Lida	Chiple
4	DADAS RAHUL RAMCHANDRA SHEELA	BE	D. Poly	D. Pohul	DPotal	D. Poh	D. Pot
5	GADA DIPAM BIPIN REKHA	BE	Dipen	Dipont	Chipm	Gipum	AB
6	GHADI SHUBHAM DEEPAK PRIYA	BE	0	·S	B	B	28
7	JADHAV TEJAS ROHIDAS ROHINI	BE	Ferra	Jestes	AB	Tess	Jesa
8	JADHAV VINIT SADANAND DHANU	BE	renit	with	Minst Tehar	Junet .	400
g	JAISWAL SHAILESH RAM PRAYESH BINDU	DE	5-7	5-5	85	AB	5-5
10	KADAN GANESH BALASAHEB SEEMA	BE	K.D	· KD	K.D	kD	K.D
11	KAKAD RISHIKESH SHIVAJI SUNANDA	BE.	P. Kopen	P Kolon	Proton	Proposed	P-Form
12	MENGU ABHISHEK BHEEMRAJU	BE	AB	A.Morou	A-monte	A. mong	A.preng
13	MHATRE AMOGH ARVIND ANAGHA	36	Amosh	Amos	Amost	Donash	Amay
14	MHATRE DURGESH DAYANAND ALKA	BE	D. Martre		Donetre	D-mh	Pinet
15	MHATRE RUGVED DIVVANATH ANJALI	96	P. PETH	AB	P. METH .	PJETA.	P. KETH
16	MHATRE YASH NITIN NITUA	BE	y.mhoto	AB	X-mhoto	Y. mheta	y.mlet
17	KAMBLE AMIT ANANT	96	Norble	Homble	Komb	Homble	North
18	PAWAR OMKAR BABAN SANGEETA	BE	Queken	Souther	Contra	Contro	mkon
19	PHUTANE CHAANDAN NARESH VAISHALI	BE	Pont	Roula	Dula	Dorder	Bonds
20	POL PRADUNYA HANUMANT ANITA	BE	AB	POL	Pol	Pol	Pol
21	SANKHE VINAY KAMALAKAR KAMINI	BE	Donkha	Some	Control	- AB	Fonte
22	SANKHE VINEET KAMALAKAR KAMINI	BE	Dodeke	Turk	Control	South	Penker
23	SINGH SAURAV VISHNU URMILA	BE	S. Som	S: Sour	S. Perun	J. Som	Saura
24	SINGH SONU PRAMOD RENU	BE	Some	Some	Come	Some	AB
25	VALA DHARMIT PRASHANT SONAL	BE	Dhum	2 Dame	AB -	Dhord.	April m
26	VARTAK BHAVIN KEVAL GEETA	BE (Blain	John .	Bours	Rhouse	Bhow
27	VHATKAR SNEHAL RAMAKANT CHHAYA	BE	1-7	vis	25	47	V.S
28	VISHWAKARMA VIPIN RAMBHARAT GYANDEVI	BE	AB	Vipin	vipin	WAR	vipin
29	YADAV NAVNEET KAMLESH BHANMATI	BE	Normit	House	down	Howart	Hamely
30	YADAY YUAY DAYASHANKAR GULABIDEYI	96	JM	HOTH	AB	MJoy	Vijo



Prof Tojas Chaudhari

Prot Night Raut



VIVA Institute of Technology

Approved by AICTE New Delhi, DTE, Govt. of Maharashtra and Affiliated to University of Mumbai

Shirgaon, Virar(E.), Dist: Palghar-401305, Maharashtra

CERTIFICATE

This to certify that Dr. / Mr. / Ms. VARTAK BHAVIN KEVAL GEETA

has attended a Short Term Training Program on "Introduction to Radiography Non Destructive

Testing (RT) Method" during the period 01st Jan to 05th Jan, 2019 at Department of Mechanical Engineering, VIVA Institute of Technology, Shirgaon, Virar.

Mr. Tejas Chaudhari

Mr. Tejas Chaudhar (CO-ORDINATOR) Mrs. Nivati Raut

(HEAD OF THE DEPARTMENT)

Dr. Arun Kumar (PRINCIPAL)



VALUE ADDED COURSE

Name of Course:	Printed Circuit Board (PCB) Designing	Branch:	Electrical Engineering
Duration:	30 Hours	Instructors:	Bhavita Patil
Date of Commencement:	06 July 2018	Date of conclusion:	26 Oct 2018

	Course Outcomes
Upon suc	ccessful completion of the course, the student must be able to
CO1	To understand the requirements of designing a PCB using software.
CO2	To understand various components required for PCB design and their electrical ratings.
CO3	To use development tools for PCB designing
CO4	To understand design standards and flow charts

	Syllabus	
Unit No.	Contents	Hours
1	Introduction to PCB designing concepts: Introduction & Brief History: What is PCB, Difference between PWB and PCB, Types of PCBs: Single Sided (Single Layer), Multi-Layer (Double Layer), PCB Materials. Prototyping, eCAD and PCBs, Purpose and Intent, Equipment Computer Circuit Programming and Testing Hardware, PCB Component Hardware, Software, MPLAB X IDE and XC8 Compiler, Understanding the Walkthrough	6
2	Component introduction and their categories: Types of Components: Active Components, Passive Components Component Package Types: Axial lead, Radial Lead, Single Inline Package(SIP), Dual Inline Package(DIP), Transistor Outline(TO), Pin Grid Array(PGA), Metal Electrode Face(MELF), Leadless Chip Carrier (LCC), Small Outline Integrated Circuit(SOIC), Quad Flat Pack(QPF) and Thin QFP (TQFP), Ball Grid Array (BGA), Plastic Leaded Chip Carrier(PLCC)	6
3	Introduction to Development Tools: Introduction to PCB Design using OrCAD tool, Introduction to PCB Design using PROTEUS tool	6
4	Detailed description and practical of PCB designing	6



PCB Designing Flow Chart, Description of PCB Layers, Keywords & Their Description, PCB Materials, Rules for Track, Study of IPC Standards	
Lab practice and designing concepts: Starting the PCB designing, Auto routing, PCB Designing Practice, Post Designing& PCB Fabrication Process, Testing and Troubleshooting Methods	6

	Learning Resources
Text	t Books:
	1. Kraig Mitzner, "Complete PCB Design Using OrCad Capture and Layout", 2011
Refe	erence Books:
	 "PCB Design for Real-World EMI Control (The Springer International Series in Engineering and Computer Science)" by James Drewniak and Bruce R Archambeault. "PCB Design: Printed Circuit Board" by Michael Dsouza and Dsouza Michael



SUBJECT: Printed CB design Subject incharge: Bhavita Patil S.E. ELECTRICAL (2018-2019) 6/Ans 6/Ans 13 Ans 3 Ans Prans Pans 82/Ans 3/8/18 No. Yins BAGWE NINAD PRASAD BHOIR NAITH GAVESH 1 4 BUKALE CHIRAJ RAJU 5 CHAVAN RUTUJA AJAY DANDEKAR CHINHAY DARADE POCIA PRAKASH CEVIT KITWISHU STEARA GACHKAR ONKAR VIJAY 9 11 GUPTA RAJENDRA BASHISHT GUPTA REEMA SHIVKUMAR SKIM GONGOV GONGOR GONGO JAGRUTI SURESH GAIKAR IOSKI ADWALT NEHDOALT KAMERKAR VRUSHABH MAHESH ENSUSTRED STIMBLE STIM KOTTYAN DHIRAJ JAGOISH 16 MARDOLKAR SACHIN DUNKAR HHATSE VIRAL BRAVING HISHRA AHIT RAISHPEASAIL PACHAREKAR ASHSSHKUMAR ASHOK PATIL ANIBUDCHA VISHWANATH PATIL ASHUTOSH SANDEEP Sv Roisirkai Sukai Suka Simi Sukai Sukai Sukai Susai 23 PATIL PRATHAMESH KANTI 24 RAI SHUBHAM UTTAM RANE METRA PRAKASH SAKPAL TEXAS RANCHARDRA SALUNKHE RIYA BHARAT SAMANT AADITYA GIRISH 28 PRSON PRIOR PESON PRIOR PESON PESON PESON PESON SASE PARAS RAJESH SAWANT BHAVANA JAYPRAKASH SAWANT SANKET DATTATRAYA 33 SINGH ADARSHKUMAR ARUN क्ष किल मित्र विका मित्र विका SINGH PRABJEET JASBUR SINGH PRIYA SHUBHNARAYAN SCIANKI VIGHNESH DILIP SOLIM HITESH RAMCHANDRA UPADHYAY VINAY UMESH 38 VER YER VER VER YER YER VER VER VISHWAKARMA BRIJESH RAMESH ATMV ATHESH LAYPRAKASH YADAY PANKA) SURESHCHANDRA YACAY TAWAN MACENDAA 43 KOLEKAR KUSHAL VILAS

H	attraction and and the	III III	100	1000	diam'r.	15 51	10-51	- N -	11	-	17
45	DEHIREKAR YASH NARESH			1	1				-		
46	AGRE SHUBRAM SHANKAR				1						
47	ASALE NAVIN TULAJI										
48	AVERE SAKYESH VINOD				1						100
49	RALUGADE PAWAN ADINATIE	Roll	4 4	Rolle	Balger	Kalons	Balgy	Rolp	Balge	+ 1	
50	DECRAWALLA DEVANGEE SURESH	Cont		The same	1	1	0	1	1		
51	BORQUEMITALI YADAY										
52	CHAUBEY KRISHNA BALGOVIND			116	77						
53	CHAURASIA SHEVAM RANIBET									П	
54	CHAVAN DEEPALI RAJU									П	- 2
55	CHAVAN MAYUR VIJAY	- 1					la mi		diament.	П	
56	DAVANE ISHANI RAJESH	Testa	A	TeD	Jala	Ten	Tell	Testo	Ish		
57	DITANGADA AVENASH GOVEND	2014		- ara		-	1		1		
58	DHOKTE VIPUL SANDEEP										
59	GAVLI ANIKET SUILENE	- 7	-	100	4						7
60	GILBILE LAXMI YUAY	Caxim	4	Laxini	Laxin	Lasmi	Lochel	Journ	Lasem		7
61	GUPTA PRIYA ATUL			-					-		7
62	HADAL EIPALI GANPAT										7
63	CADAM AISHWARYA MANGESIE										\forall
64	KHADE PRASHANT PURUSPOTTAM	Utin	A	URIH	Uzin	Unit	Usin	URAM	Spira		7
65	KIRANGE VABHAY PILANOD			1	1	'		,		\neg	1
66	MACHHI PAVAN PRAVIN										\top
67	MANISH PUNDLIK WANKHEDE						9			\top	\dagger
68	MISHRA SANDEEP INDRAMANI			- 1	35						T
69	MONDKAR SACHIN SHIVRAM										\uparrow
76	PATO, FRANCO RAMESH										T
71	FATTL SHUBHAM JAGANNATH								200		1
72	FEDNEKAR ONKAR ANANDA	DPA.	OPA	A	A	OPA-	OVA	OFF	OFF		†
13	RATHOD KARTIK MANILAL	1	1			1	1	7	,		1
14	SIATHOD PRASHEEL RAJESH										1
75	SAMKUDIORI SUNIL KANADE										T
76	SHASI POOJA MUKESH			200	-						T
17	SHAIKH MOHAMMED ANAS AKHTAR	III Umana					1000	(-se 1			1
78	SHINDE SURAI JANARDAN	SISh	1	Sish	. A	Sigh	1	Sish	Slan		
79	TAMORE HIMANSHU KIRAN	25-37-35-1	- 1.0	,		CATTO		0			T
50	VICHARE PRANT SURAS	1	1		A	1		\	V .		T
u	SHAIRH MOHAMMED YAKUB	9/31/	2/18	A	QUID	श्रीय	A	7/2/	2120		1
2	SAYYED NEHAL IMAM		1		- 1	,		,			†
ij)		1						+
4		W 1								\neg	+

BOUN!.
SUBJECT INCHARGE



VIVA Institute of Technology, Virar
SUBJECT: PCB 168700 S.E. ELECTRICAL (2018-2019)

H.	BJECT: PCB 1685; BJECT INCHARGE:		s logar	4/1/1	8 9/1/18	21/0/18	14/1/18	49918	16/1/18	P	C	
44,	Time	1.00		10.10	1.71.	10.700						
il.	THE REPORT OF THE PROPERTY OF THE PARTY OF T	SA MILES	O Mario	I IAZUVEN	0.000	S Course	· nuce	1	6.20			18
2	BAGWE NINAD PRASAD	-		or annual section in	No.	2000			1.			
3	BHITIER NATUR GAMESH	9114	A	21/1	अ) <u>रि</u>	भोरी	2/15/	4	3/15			
4	BUICELE DHORALEADU	111.4	1	15/11	1-11	45.17	1 -11-45	1	1	7		
5	CHAVAN RUTUJA AJAY	_	+	1	+							
6	DANDEKAR CHERNAY	_	+	+	+							
7	DATACE POOJA PRAKASH	100										
8	DEWI STIME CETTER (CA)	No. of Lot, House, etc.,	N SPORT	ED BE	ANGES	III SATE	Sales of	DOM	A SEC			
9	GAONHAR ORKAR VIDAY	and the same	Name and	(COMMITTED IN	Name and Address of the Owner, where	-						
T	STIRL SQUARE COURTS - 100	A STATE	1	(CONT.	Sale I	NAME OF TAXABLE PARTY.		1000		孋		
11	GUFTA RAJERDRA BASHISHT	138	V d	Ceul	Y A	Coup	TA	-week	Gulf			
2	GUFTA REEMA SHUVKUMAR	Take	Camp	Carri	-	- Tury	1	1241	-	7		
-	MGRUTI SURESH GAJKAR	Sign	1 4	Gail	A	Sal	Gou	170	Carl	\neg	\exists	
a	Service history 23	Styl	ALIE AND ADDRESS OF THE PARTY O	Chi		000	1	III SAN		wi		
5	KAMERKAR VRUSHABH MAMESH	No.	Name and Address of the Owner, where		-	CONTRACTOR OF THE PERSON NAMED IN	-	The same of		7	П	_
-	KOTIYAN DHIRA) JAGDISH	+								1	╛	
	MANDOLKAR SACHIN DENKAR	2000	MA	8ml	smat	ena	(१शनदर)	Smb	TIONS	1	1	
-	VIII STREET, AND THE STREET, S	24-01	1011104	0114	2010104	0:140	קטן נע	31110	01700	9		T I
8	OSIBA ALIFRASH PSASAN-TITI					1		2000	1			
-	PACHAREKAR ASHISHKUMAR ASHOK	or consume	The same of	Section 200	The same of	Series See	Residence of the last	THE OWNER OF THE OWNER, THE OWNER, THE OWNER, THE OWNER, THE OWNER, THE OWNER, THE OWNER, THE OWNER, THE OWNER,	No. of Concession, Name of Street, or other Persons, Name of Street, or ot	7		200
-1	ATIL AMBRUDOHA VISHWANATH	1								+	+	_
+	PATIL ASHRUDGH SANDEEP	1								+	+	
-	TATIL PRATHAMESH KANTI	No.	100	500						+	+	-
+	SAZ SHUBHAM UTTAH	Sofer	A	Cultur	Sulfan	Stoni	A	Sockar	Sulm	+	+	
+	OANE NETRA PRAKASH	Dalla	-	Daleston	SELM	DIX.M	- 94	Depart	July	+	+	_
+	AKRAL TEJAS RAMCHANDRA		1	-						+	+	_
+	ALUNKHE RIYA BHARAT	1	4	7						+	+	_
+	AMANT AADITYA GIRISH	Lund	Lillad	Hlmin	Juin	A	HiniT	Luid	40511	+	+	-
+	ASE PARAG RAJESH	Dec	00104	Dolum	Prime	DOL.	DeCare	Dec	Die	+	+	_
+	AWANT BHAVANA JAYPRAKASH	I Work	1 Mar	FEJONE	PERM	tron	Le juice	France	1500	+	+	_
+	AWANT SAKKET DATTATRAYA									+	+	_
÷	NUNC E ASSESS SANTONIA	NEED!	MARKET !		Name and	-	On the latest	100	DISCOUNT OF			
۰	INGH ADARSHKUMAR ARUW	-	^	^	^	abot more	A CONTRACTOR		^			=
t	NGH PRABJEET JASSIR	Din	िंग	find	Dem	Gint	Av I	2781	(1) I	+	+	_
٠	NGH PRIYA SHUBHMARAYAN	4.11	PE O	40101	MID	6298	101	10101	201	+	+	_
H	DLANKI VIGHNESH DILIP					-			-	+	1	_
⊢	CUM HETESH RAMCHANDRA		-		-	-	-		_	+	1	
H					-				_	+	+	_
	ADHYAY VINAY UNESH	MOD	VRO	1120	upp	100	(Dro	11 (24)	. D.:	1	-	
-	SHWAKARMA BRIDESH RAMESH	MBK	101	V-DK	MOR	N-RF	VIOK	N.KK.	V-RK			
-	Washington And Co.	K MIT 4	-1	W	- 35							
-	DAV PANKAJ SURESHCHANDRA									2		
681	AND THE PROPERTY OF THE PARTY O	SHEELIN						9116 G	0.585.0	96		

	Military of the second second second		200	200	A STREET	The same of				
ß	DEHIREKAR YASH NARESH									
46	AGRE SHUBBAM SPANKAS									
47	ASALE NAVINTULAR				_	-				
45	AVERE SARVESH YINCO		-	0.0	-	n.t.	Balge	Walt.	Ratu	
49	HALUGADE PAWAN ADINATH	Baljen	- 1	Balge		Barn	- Darge	Dala	Damy	
50	RHURAWALLA DEVANGEE SURESH					_		_		
51	BOROLE MITALI YADAV					_	-	_	_	
52	CHACREY KRIMON BILLDOVIND							-	_	+
53	CHAURASIA SHIYAM RANJEET						_		-	+
54	CHAYANDEEPALIKATU							_	-	+
55	CHAYAN MAYUR VIJAY	1110					700	TOD.	Total	
56	DAVANE ISHANI BAJESH	TMD	180	IM	1812	186	John	ISUN	J8Dn	
57	DEASKIADA AVINASH COVIND		14550	W						+
58	DHOKTE VIPUL SANDEEP									+-
59	GAVLI ANIKET SURESH							,	-	+
60	GILBILE LAXMI VVAY	Loom	Louni	Laum	Lovini	Laumi	Laun	Law	Laxur	+
61	GUPTA PRIYA ATUL									+
62	HADAL DIPALI GANPAT									+
63	KADAM AISHWARYA MANDESII			-						+
64	CHADE PRASHANT PURUSHOTTAM	Uzir	+	431	HAID	1900	A	YRIT	MIL	+
65	CIRANGE VAINGAV PRAMOD					,	-	-	,	+
56	MACHDO PAVAN INAVOR		-	1	08.0					+
67	MANISH PURDLIK WANGHEDE									+
68	MISHRA SANDEEP INDRAMANT									+
69	DECENDRAR SACHEN SHEVILAM									+
70	PATIL PRANCO RANESH									+
71	FATIL SHUBHAM JAGANNATH			-	1		* 00	Ann	000	+
12	PEDNEKAR ONEAR ANANDA	OPA	A	OFF	M	OPA	OPIJ	OPT	Opp	+
73	RATHOD KARTIK MANILAL	1			1.5	-1	1	,		+
-	RATHOO PRASHEEL RATESH									+
75	SAMBUDHE SONE KANADE		5							1
16	SHAH POOJA MUXESH									+
17	SEARCH MORDAINED ANAS ARREAD		-		٥.	0.4		-		1
18	SHINDE SURAL LANARDAN	Sillon	Stohn	SISW	Sish	Stohn	Sich	Sish	Sish	\perp
19	TAMORE HUMANSHUKTRAN	10	U	0	U	0	0	•	U	1
80	VICHARE PILANTI SUHAS	N.		1		1	1	1	1	
81	SHAIKH MOHANDIED YAKUB	2)21	A	2141	A	200	900	227	2161	
82	SAYTED NEHAL IMAM	1					100			
83							1			
84										
98.	NO OF STUDENTS PRESENT									

BOAT ! SUBJECT INCHARGE



VIVA Institute of Technology, Virar SUBJECT: PCB Service S.E. ELECTRICAL (2018-2019)

	Nims	5/1618	5 018	M/19/18	A.Atus	14.018	H /10/18	26 1918	11/10/18	P	C	ľ
in.	Day	3.1419	1 110	3-11-11								
a	SHOWN MERCAGINESSANS	S SING	- STREET	SECTION 1	No. of Street	S Mary	SLEED.	DELE		1	148	H
-	BAGWE NINAD FRASAD	- 0	-	. 0	1.0	.0		10	19			L
3	BHOER NAITIK GANESH	D. A.	XIX	SAIR	7116	Mile	A	Truck	31190	-		L
4	DUNALE DHORAT RATE	Jana	Che	10.14	-	-						L
5	CHAVAN RUTUX ATAY	1										L
	DANDEKAR CHIBINAT											L
,	DARROE POOJA PRAKASH	11000		1 400	EUR					L		L
šī	DE LE CITALE DE TARRO (N. T.)	F BEST	No.	SHOW	ETE ST	HI WATER	FRANK	Bede		继	臘	ģ
9	GADNKAR ONKAR VIDAY	-	1					10				
ï	and never who as	E (385)	THE REAL PROPERTY.	DE SA	2				7	璺	遇	8
1	GUFTA RAJEWORA BASHISHT	Gw	Cup	JUB	Tub	- 4	South	bull	Guy 1			
2	CUITA REEMA SHIVKUMAR		The second second	the state of the s	1.4							
3	IAGRUTT SURESH GATKAN	Sicul	Bart	Gun	Goll	Nam	Goul	Gord	(for	•		
ă	DESCRIPTION OF THE PROPERTY OF THE	1 100mm	MEN	10000		100			FEET SE		4	ě
5	KAPERKAR VRUSHABH MAHESH					- 3						
6	KOTIYAN DIERAL JAGDISH		resistant.			C .40			OTH.			
7	HARDOLKAR SACHIN DINKAR	Smy	Smo	5mg/	A (SIMED	A	SM8D	STIK			8
Ē	Amanasta exactly		Series.	3		100		12.45	Mestalli,		100	
ã	e parator existence in	THE PARTY NAMED IN	15.00		1000				ATA I IL		繬	ß
9	PACHARIKAR ASHES HUMAR ASHOR	1					7-314	1				
1	PATIL ANIRUDDINA VISHINAWATH											
2	PATIL ASHUTOSH SANDEEP											
1	PATE PRATHAMESH KANTE	- ^	0	0	0 1	- 1	0 0	- ^	\cap			
,	RAI SHUBHAM UTTAM	Bukh	Samo	Sur	Since	Sim	Sull	Suker	Sun			1
,	KANE NETRA PRAKASH	1										
	SAKPAL, TEJAS RAMCHANDRA											ĺ
đ	SALLINKHE RIVA BHARAT	201 270				1020						
1	SAMANT AADITYA GIRISH	2 und	Amri .	Hind	4th	Lain	Alh (ZHINT	A			Т
1	SASE PARAG RAJESH	DAN	Pen	Pen	PIN	PP	- PRI	A	Per			
1	SAWANT BHAVANA JAYPRAKASH	100	10		•	- 1		-				
t	SAWANT SANCET DATTATRAYA	8502	Son	SID	5812	XW	33 NU	5814	55 G			
ı	gradulta ar ever				200		SHEET STREET		19 14	100	100	H
Ŧ	EINGH ADARSHKUMAR ARUN	10	1.	Λ.	1.	1.	A	1.				_
t	DACH FRABILET JASHIR	List	12801	Um	1201	Um	451	LPOI	1200			
٠	ENSH PREYA SHUBHNARAYAN	10	70	1	,	100	111	1	110			
÷	SOLANKI YEGHMESH DILIP											-
t	OLIM HITESH RAMCHANDRA											-
ŀ	PADHYAY VINAY UMESH				10000	10100704	vicine v n					-
H	CSHWAKARMA BALIESH RAMESH	VEV	VBR	VRP	VBP	VB1	R	V Pil	Λ			-
١.	AND SUCH CONTRACTOR	1771	XVV	171	10		11/7	4 -DIO	T	ALC:	200	
F		DESTRUCTION OF	of the latest	All a line	10.00	THE REAL PROPERTY.	and the last		W. T. S.			題
	ADAY PANKAI SURESHCHANDRA	Spinison.			SECTION 1	-		and the same	THE REAL PROPERTY.			
أالام	CA ZCAN Priestant			CONTRACTOR OF	MITTER TO	To Religion (Co.	0240000				25	10



7	WAS TO WHAT	HERITAGE	ALC: NO.	NAME OF STREET			V			-	1
45	DEHOREKAN YASH NARESH	_	-	_						-	+
45	ACRE SHUBILASI SHANKAR		_						1	-	+
47	ASALE NAVIH TULAN					1	1	- 1		-	+
45	AVERE SARVESE VINOD	0+	01.	01.	V	Baly	Ram	Baly	Belly	1	4
45	BALUGADE PAWAN ADINATIF	Salyw	Barry	Bauge	Parch	Dant.	1	-	100		4
50	DISCRAWALLA DEVANGEE SERESH	•		(()	_						4
51	BORGLE MITALI YADAV				-	-					4
30	CHAURCY LIUBINA BALGOVIND										1
53	CHAURANTA MITVAMORANTELT						_				
54	CHAVAN DEEPALI RAIL!					-			(4)		
55	CHAVAN MANUS VEIAV	20		-1	Trot	John	TOO	TOD	CXD	1	1
55	DAVASE BRASCRAESS	180	1	18hu	1800	Tem	901	90.	+		T
57	DHANGADA AV NASH GOVINO			*			_				T
58	DROKTE VIPUL SANDEEP						_			1	T
59	GAVLI ANDSET SERENH						1	1 00100	Thin	-	\top
67	GLBG & LANKS YUAY	LOVEN	Low	Leadin	LAVIN	Low	LAKIN	Laum	Law.		+
61	GUPTA PRIYA ATUL									_	+
62	HADAL DIPALI GANPAT			-		97.55			_		\pm
63	KADAM ARBIWARYA MANGESH					-	_	-			+
61	KRADE PRASHANT PURUSHOTTAM								_	-	+
65	KIRANGE VARHAV FRANCO							-		_	+
65	MACHRIE PANAN PRAVIN	100	Y	1.0	1	14			-	-	+
67	MANUSE PUNDLIK WANKEEDE										+
68	MISHRA SANDEEP INDRAMANE									-	+
69	MONDICAR SACTION SHIVEAM								_	-	+
70	PATIE PRAMODRAMESE							-		-	+
71	PATIE SETUBBAM PAGANNATH	Ans	-00	-00	AN	AA	-On	non	700 h	-	+
72	PEZNEKAR CINKAR ANANDA	ON H	OPF	OFF	d)PI	ppr	Of!	OF	211	-	+
73	RATIOD KARTIE MANILAL		۷.	1.	~/		1				+
74	RATHOD PRASHEEL RAJESH									-	+
75	SAMRUDHIII SUNIL KANADE									-	+
76	SHAH POOJA MUKESH	(4)		ST							+
77	SHAIKH MORAMMED ANAS AKHTAR	- 1	11		1	01	ala	1.0	CIA	-	+
78	SHINDE SURAI JANAEDAN	Brown	5/9/	5 8	SW	28/	15/	200	Xe	-	+
79	TAMORE HIMANSHUKIRAN	0		7)	V	1	7	1	-	+
-	VICHARE PRANT SUHAS	1	1	1	1	V	1	1	A	-	1
51	SHAROLMORANMED YAKUB	入さ	221	8120	201	Tus	2521	214	200		1
82	SAYYED NIDIAL MAW		1		1		1		33		
83		35		-							_
14											
-	NO OF STUDENTS PRESENT										

BOAN.
SUBJECT INCHARGE



VIVA Institute of Technology, Virar
SUBJECT. PCB design

IL.	None	1070/18	16/10/18	%/ loss	16,10/18	24/0/18	M/lons	14 /0/18	26/1418	p	C	
w.	Time	and a second	10.00	1	- 1							
7	Should state at the state of	NAME OF TAXABLE PARTY.	DISTRACTION.	\$30 ASS	E SE	RUDE	ES W	STATE OF THE PARTY.		OF	100	Ì
1	SAGWE NINAD PRASAD	THE REAL PROPERTY.		10	10	10	10	10	11			
1	SHOIR BALTIK GANESH	Bill	A	9/14	Sille	9-10	911	SIN	mik			
1	BUKALE DHIRA) RANI	Tems	•	21.4	The state of		1	1		7		l
5	CHAVAN RUTUTA AJAY											l
	OMIOEKAR CHIRMAY											l
	DARADE PODIA PRAKASH	1,1117.3			100	100						I
ŵ.	JEVIE CENTER CTORNS	I SHEET	原生機	经 协会员	10 Carrie	State State	12.3	100	11	響	120	ı
,	GAQNKAR ONKAR VIIAY											l
0	GRESSAVIIVISAID ISLANDIS (S. 1)	THE REAL PROPERTY.	SHARW	THE REAL PROPERTY.	198	g Ray	200		2	廳	疆	ĺ
II	GUPTA RAJENDRA BASHISHT	(2010	Gun	(-unt	(-lul	Guy	A	-ayk	Gu/4	_	1	L
12		Toda.	COM	-	1	-	T- 1	- 0	00	1		
J		1504	Gal	Gar	A	Garly	A	Jak	GIV			
a	ass an victoration of	THE REAL PROPERTY.		a milita		15:11	NET SA		SEW.		1	l
5	CAMERKAR VRUSHABN NAHESH	10	TIPE !	9								
6	KOTIYAN CHIRAJ JAGOISH	Lizonere	-	_	(2,000,00		- · · · · ·		0.1			
7	HARDOLKAR SACHIN DINKAR	BOM	(8m/l)	Sm	SMSI	Smu	8mil	SINS	Shir			
2	COMPRESSOR STANFOLD IN COMPRESSOR IN COMPRES			teres la race		4			. 1		O.B.	ı
9	ogica en gas si deces timos		100000	le ten							18	ı
9	FACHAREKAR ASHESHKUMAR ASHOK	-										
1	PATEL ANDRODOHA VISHWANATH										- 59	
2	FATEL ASHUTOSH SANDEEP											
3	PATIL PRATHAMESH KAN'I		- 1	a h		70	- 0		_			
4	RAI SHUBHAN UTTAN	BURN	Sila	sinkin	SUL	A	Steken	AS	sin			
5	HANE NETRA PRAKASH	10			,							
6	SAKPAL TEJAS RAMCHANDRA								1			
7	SALUNKHE RIYA BHARAT		0						. "	-		
	SAMANT AADITYA GIRISH	Rend	dimil	atti front	Aina	LING	441/1	41hm	HIGH V			
,	SASE PARAG RAJESH	mala	pres	PRS	PRI	2/14	PHY	ppes	1-64	^		
,	SAWANT BHAVANA JAYARAKASH		1	1	, -			3	V			
1	SAWWIT SANKET DATTATRAYA	V.										
8	STIME (STANDON AND THE			The co	155-0	HIJE ST		garage.	SYNERS			ı
7	SINGH ADARSHKUMAR ARUN	Λ	1	1.		·	A.	Λ	1			
1	SINGH PRABILET JASBIR	201	1491	140	A	1614	40	13(2)	1991			
1	SINGH PRIYA SHUBHNARAYAN	,,,						-	1.1			
1	SOLANKI VIGHNESH DILIP											
+	SOLIM HITESH RAMCHANDRA									Y		
+	JPADHYAY VINAY UMESH	1		Secretary			216	October 1	1.40			
+	ISHWAKARMA BRUGSH RAMESH	VBR	VBL	1/6/11	A	VBP	A	VER	V14	,		
4	AND COMPANY OF THE PARTY OF THE				TEVE OF	100	1	and the last		35		
4	ADAY PANKAI SURESHCHANDRA						-1					
4.	PAGUNONWASHINATIER	SERVICE STREET	100	11,730		N 47 113	100		SIGNE	-	100	
۰	CLEKAR KUSHAL VILAS						11	•			-	4

Щ	curve authority or notices	Name and	SERVICE STREET							\Box	
45	DEHIREKAR YASH NARESH	_								П	
46	AGRE SHUBBAN SHANKAR				-					П	\neg
47	ASALE NAVIN TICLAR				_	-				\Box	
49	AVERE SARVESE VINOD	0.1		-		V2 17	7.	01.		\vdash	\neg
49	BALUGADE PAWAN ADINATH	Ealyr	Baly	Bury	- Bay	Ben	700	Don's	- 4	\vdash	\neg
50	DIFURAWALLA DEVANGEE SURESII				- 9		/			+	
51	BORDLE MITALI YADAV						-			\vdash	1
52	CHAUBEY EXTRINA BALGOVIND							_			+
53	CICACIRASIA SHEVAM RANIETT									-	+
54	CHAVAN DEEPALI BARU								_	\vdash	+
55	CHAYAN MAYUR YUAY	1-11	- 1	4		-0	1	ent.1	7011	\vdash	-
56	DAVANE ISHANI RAJESII	13W	WEET	TSMD	JAF	13HV	SHO	JXHL	TAN	\vdash	+
57	DILANGADA AVENASH GOVEND							1000	-		+
58	DHOKITE VIPULSANDEEP									-	+
59	GAVLI ANIKET SURESH		W =							-	+
60	CILBRE LAIM VILLY	Laxu	Long	Loon	lown	Lann	Lown	Lan	Lan	\vdash	+
61	CUPTA PRIYA ATUL			-			100001200	1			-
62	HADAL DOWLEGANPAT				1 3	85,94	5				-
63	ICADAM ABHWARYA MANGESH										-
64	KOLADE PRASHANT PURUSHOTTAM										-
65	KIRANGE VAIBHAY PRAMOD										1
66	MACHEI PAVAN PRAVIN			SH S							-
67	MANISH PUNDUK WANKEREDE										_
68	MISTURA SANDREP DERRAMANI										-
69	MONEKAR SACHIN SHEVRAM										_
70	PATIL PRAMOD RAMESH					-					_
71	PATIL SHUBHAM JAGANNATH	0.1	annus a	014U004F-0	erre-come						_
72	PEDNEKAR ONKARAMANDA	DUF	OFF	OFF-	OPA	OPL	OPTH	OPA	Of n-		
73	RATHOD KARTIK MANILAL	1	100	410	1		1	A			
74	RATHOD PRASHESS, RAIESH										
75	SAMRUDHHI SUNIL KANADII									1	
76	SHAH POOIA MUKESH										
77	SEATICI MOHAMMED AXAS AKHTAR	1.1	. 1	. 18		,	1	al	- 1		8
78	SHINDE SURALIANARDAN	Dan	SIGL	Shu	Sleh	Slan	Steh	Shr	5/		
	TAMORE HIMANSHU KIRAN	0	0	U	U	0	0	0			
88	VICHARE PRANT SUHAS	1	\	1		1		1	1		
_	SHAIKH MOHAMMED YAKUB	904	श्रिभ	21/1	4	200	4	200	200		
-	SAYYED NEHAL BAAM	1	1			1		1		\Box	
83		1127	9 19	1550	11(12)	1134					\top
84										П	\top
-	NO OF STUDENTS PRESENT						75		3		\neg

Both/. SUBJECT INCHARGE



VIVA INSTITUTE OF TECHNOLOGY

(Affiliated to University of Mumbai; Approved by AICTE & DTE)

Veer Savarkar Marg, Shirgaon, Virar 401303

Department of Electrical Engineering

CERTIFICATE

This is to certify that,
Mr./Ms. Samant Aaditya Girish
of class SE Electrical
has successfully completed value added course on
"Printed Circuit Board Design"
organized by

Department of Electrical Engineering for A.Y. 2018-19 from 06th Jul 2018 to 26th Oct 2018.

Barrl.

Prof. Bhavita Patil

Course Coordinator

BERT

Prof. Bhushan Save Head of Department



VALUE ADDED COURSE

Name of Course:	Electrical Safety Practices	Branch:	Electrical Engineering
Duration:	30 Hours	Coordinator:	Prof. Pratik Mahale
Date of Commencement:	6 Jul 2018	Date of Conclusion:	5 Oct 2018

	Course Outcomes
Upon su	ccessful completion of the course, the student must be able to
CO1	Understand the Indian power sector organization and Electricity rules, electrical safety in residential, commercial, agriculture, hazardous areas and use of fire extinguishers.
CO2	Outline the electrical safety during installation, testing, and commissioning procedures.
CO3	Make use of specifications of electrical plants and classification of safety equipment for various hazardous locations.
CO4	Distinguish various fire extinguishers and their classification.

	Syllabus	
Unit No.	Contents	Hours
1	Introduction To Electrical Safety, Shocks And Their Prevention: Term and definitions, objectives of safety and security measures, Hazards associated with electric current and voltage, who is exposed, principles of electrical safety, Approach to prevent Accidents, the scope of subject electrical safety. Primary and secondary electrical shocks, possibilities of getting an electrical shock and its severity, medical analysis of electric shocks and its effects, shocks due to flash/ Spark over's, prevention of shocks, safety precautions against contact shocks, flash shocks, burns, residential buildings, and shop.	6
2	Overview of the Safety Model: Wiring and fitting, Domestic appliances, water tap giving a shock, shock from the wet wall, fan firing shock, multi-storied building, Temporary installations, Agricultural pump installation, Do's and Don'ts for safety in the use of domestic electrical appliances.	6
3	Electrical Hazards recognizing and Evaluating Preliminary preparations, safe sequence, the risk of plant and equipment, safety documentation, field quality, and safety, personal protective equipment, safety clearance notice, safety precautions, safeguards for operators, safety.	6



	Controlling Hazards: Safe Work Environment:	
4	Hazardous zones, class 0, 1 and 2, spark, flashovers, and corona discharge and functional requirements, Specifications of electrical plants, equipment for hazardous	6



	locations, Classification of equipment enclosure for various hazardous gases and vapors, classification of equipment/enclosure for hazardous locations.	
5	Controlling Hazards: Safe Work Practices: Fundamentals of fire, initiation of fires, types; extinguishing techniques, prevention of fire, types of fire extinguishers, fire detection and alarm system; CO ₂ and Halogen gas schemes; foam schemes, Ladder safety fact sheet, Avoid wet working conditions and other dangers, Avoid overhead powerlines	6

Learning Resources

Text Books:

1. Rao, S. and Saluja, H.L., "Electrical Safety, Fire Safety Engineering and Safety Management", Khanna Publishers, 1988.

Reference Books:

- 1. Cooper. W.F, "Electrical safety Engineering", Newnes-Butterworth Company, 1978.
- 2. John Codick, "Electrical safety handbook", McGraw Hill Inc., New Delhi, 2000.
- 3. Nagrath, I.J., and Kothari, D.P., "Power System Engineering", Tata McGraw Hill, 1998.
- 4. Wadhwa, C.L., "Electric Power Systems", New Age International, 2004.



VIVA Institute of Technology, Virar
SUBJECT: Electrical Enterly Practices
T.E. ELEC T.E. ELECTRICAL (2018-2019) 6 8718 (1218 6,2418 B/918 3/2718 3/2718 20/2718 10/2718 (A) (A) Time & R OUTWAL ASSISTED PAYAN A. UNIVERSITY AND THE STREET, THE de 0 10 0 0 VALDHIKAT EAMESH HATKAR YOUT VINOR CHESTE AXASII RAVINDRA 0 Q-P CHARGINARI FRASAD PRADIZ SOURCEAR MAYOR ERBONA INCHAVE SALGMER SANDER! DEVALIA MILAY RAJESSALDMAR ED 20 20 30 RD 1p DEANGAR REPRING RAJESPINEA DIJANU HARDIK NAMUKUMAN 11 DHAROD KUNAL Ht. D 10 P D 13 DHUR AMRUTA SUNE. CADCEL GAYATRI SUNIL DARWAD SANTIDSH GORAGE 15 8, Q, Q DAWAND ANIKET CURLINATE CITE PRIVANKA RAIU COURT ROSAK NETTS BILLE OK NO AR SHARBIDH LAKEN GUPTA GOPI MORIAGE OUTS PRESENCEADS IADBAY OSBAG KUBIRDSSATIR ADBAY HITESH MADHUKAK 23 Sei Sa Se 52 52: Som INDHAY SALAND. 14 ADHAY SEXDHARATH KISHOR JABHAN TANMAN RAJENDIER 37 CAMBLE SONAL BABAN 18 CESUR DAY JETENDEA 19 ODES SHREEN FATMA ALLAHMED KO KD co ko KD CORE DEWANG MAJIENDEA 11 CURAL PAIRSH RANGE 12 LEDOGGREYA MIKERE CHEMANTIHAD 34 MANDA VKAR ABHISHEK VASANT 15 we were new any were new ans 34 ALK NEERALARVIND 37 18 OUR ASSIST RANDISEAN 29 ANDLAL GUPTA 48 43

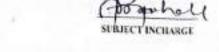
SORRE ROSBAN RANCHANDRA

SKAM ASHBON KANGANATII

42

43

	PALME AKSHAY ABOS					-	_			-	-
16	PANCHAL IATEL YEARDINGMAR						-			-	100
	20K@ STB.									-	-
41	PARNALE SHUBBAM RUMAKANT							_		-	+
	PASHTE MIKITA CIPAK						-	and the last	-	-	100
50	or made before		Serve S		SAKE OF		STATE OF THE PARTY.	1	SEC. SEC.	Market Inc.	
51	PAINE VISHALISMAN DE ESSERVA		2015	1		-	-	0	100	-	-
52	PATIL CHEMAY RAIDIR	Crow	<	Gor		Gran		Cpasi	The	-	-
55	PATIL MANUN ANKLISH	1		11			-	_		-	-
34	PATE PANKAL IHAGIYAN					- 2		-		-	
55	PATE PRADRICI VEAS					-		D	9 /	-	-
26.	PATIL RITA RAZENDRA	Lan	Rome	lon	/	Koun!	Lord	Pour	four	-	-
17	PATE SWAPNE AND	The same of	7							-	-
58	PATEAR ANDWEST SANDAY									-+	-
10	PANERS SRASALI INGA INATH							_			+
60	PAWAR SUHAS SACRIFIAN						40	An	42	-	-
61	PRAJAPATI ANANO SHRIKANI	P	A	A	P	-	p	A	P	-	_
62	KANE FRATHMESH C					-		No. of Lot	-	THE R. LEWIS CO.	-
63	Property of the contract of th	が開発	196.71	HE T			and the		AP SO		
64	RACT ISHAN ANIOL									100	-
68	gar san marantanaka	H HUMB	0.005.00		THE REAL PROPERTY.		# III		THE ST	DES CO	
66	KEWALE KIRAN LAXMAN									-	+
řŦ.	SAINDANE BASHTEAPAL B.	-	0	0	0	67	100	0	0	-	
68.	BEAH KRUTE RAITEV	18	*	4	X	Jr.	8	-6	-6	-	-
-	SHAH VINTT BEARATKEMAR	-	No. of the last	SOURCE STREET		and the same of	-	The same of	Married I	-	STREET, SQUARE
_	and a state of the			Wall St	THE REAL PROPERTY.				BELLEVIA I	ESS RE	
-	SINCH HEMANSHILL PRASHANT	-						-		-	-
_	SINCH PRINCE PINTU					-		-	-	-	-
	SOGALE OMKER PRANCO	8		0	_	1	-	B	8	-	-
	SOITIKA DHAVAL DOVESH						-	_		-	-
-	SOLANKEDIPESH VASAST	-						-		-	-
	TODANKAR ASIKET DIEP	-	_							_	+
-	VADIIVANA DIVVESH HARESH									-	+
	WAGHMARE RUCHTA'R	-		-					-	-	-
	YADAV FERET PRABRASAK	-	_	_	_			0		-	-
-	YADAY SHAILENDIA BARRANGI	1	alm	1	-	1		Fran	-	-	+
-	CHAUDHARI SNERA	Show	Elm	Come	-	Show		Store		-	-
	MANDAL GANESH						-			-	-
	KHARDIEAETAY	-								_	_
54	MACHYE PRATHAMESH	to the same of		Name and Address of the Owner, where	Section 1	STATE STATE OF	Section 1	-	Service of		
15			A. redis		RUSTAN	The second second					
*	Kengaran III tan Si	ME IN	The second	MA 3		1000	1000				題
	DADEWAD ARASH						-				
-	CHALIDRARI NISHANT										
0	GILL VINAY										





SUBJECT: ESP (COURSE)
SUBJECT INCHARGE: Praise Makade

T.E. ELEC T.E. ELEC [RICAL (2018-2019) 10 At 18 197918 127918 12 At 15 15/18 2 18/18 2 18/18 10/1818 No. (A) (A) (B) F F FE CARNAL ABBEITE PAWAS SATISFACTORS WITH A STATE OF THE SATISFACTORS AND A STATE OF T CO. (12) 0 CB 158 LIGHT THIRAPS SMISH VATICAL VINIT VINIT OTHER ALASH EAVINDRA CP CP @ @ @ OP CENTERIAM PRASAD PRADIP DUBBERGAR MAYOR KRISINA DONDANG SALONGE SANDISH DEVALIA NIRAY RAJESHKUMAN PD pp PP PP PP RP 10 THEANGAR ROBERT BAILINGRA DEAM) HARDIK NANDKUMAR 11 12 DHAROD KUNAL D A A -10 4 CHURS AMBUTA SUNIL 15 CADGUL GAVATRU SUNIL CHICKAD SANTOSH GORACH 15 DAWAND ANIKET GUILINATH 16 (Y) STEPRIYANKA RATU BT. COME BUSINESS STEERING 100 TOUNDAR SHASHITHARAN CLIPTA DOPEMBRIAN 26 CLIPTA PIKESH VALSAFIR DIDILAY CHRIAG KRISHNANATH PADRIAN HETESH MADRICKAR Sei ce Son 501 50: HORIAN SALANIL ADHAY SIDDHARATH KISHOR ADHAY TANNAY RAJENDRA 27 CAMBLE SONAL BABAN :8 DESCRIBY INTENDRA 29 CHAN SHREETS PATVER ALI ARMED DO 10 KD ODER DEWANG MARRIEDEA NO 31 IZEBIL KAKSH KANESH 11 CHE LAND SHOWER CHANARIYA NIKHEL CHIMAMIRUU VANDAVKAR ABRIBREK VASANT 15 Use am lan am am am SADE NEERAL ARVEND ACCUMUNITATION IN STREET OASK ASHIT KAJENDRAN ANDLAL GUPTA 40 VANUE REBINAN KAMEHANDIKA MEAN / THE BANGANATH



5	NLISE ACCIDAN AND IN						-				
	ANCHAL JATIN VZIODBAIMARI						-				
	ARAB NEEL										\neg
1	AUGALE SHERMAN BAMAKANT							_			+
+	ASHTE SIKITA DITAK						-	COLUMN STATE	SECURITY .	WEST 100	8 5
-	Mileson Victoria Car	THE REAL PROPERTY.	HIT OU		Self int	深雪麵	Name of Street		Serence.		
	WHEN A SECURED AND A SECURED ASSECUED	Contract of the least of the le		11759-2-11			_	_	0.1	_	_
	PATIL CHINMAY BAIETH	Carrel	Const	-	Epont	Lpon	Lord	Epol	Store	_	+
_	PATIL MAYUR AMEUSH	- Joseph	200							_	_
-+	BEHL PARKAI BRAGWAN										_
-	FUIL PENGLEVEAS	_							0	-	+
-	PAGE RICA BAJENDRA	8-80-	Pour	-	"lan"	-	Devit	0	Pleas	-	+
-	PATIL SWAPNE, AVE.	117-	1			100					+
-		+								_	-
-	PAWAR ASHRONISANIAY	+								_	+
-	PAKAR PEANALI IAGANNATH									\rightarrow	-
-	PAWAR SURAS SAMBITATI									_	-
-	PRAJAPATI ANAND SHIJIKAM		-								_
-	EXNE PLATEMEST C	THE REAL PROPERTY.	THE REAL PROPERTY.	market 1	E.Marie	Mary St.	100		2 30	024 83	8 8
4	Service Contract	- Internal	S STREET,	-	Market Street						
64.	KA/TISHANAMIL	III CONTEN	Name of the	THE REAL PROPERTY.	Sh/4	Visit In	12.33	1			
65	autra en odeán) To		SAME.	-	Pelitolica						
64	REWALE KIRAN LOSSIAN	_					120	^	0		
61	SAINDANÉ BASHTBAPAL B.	907	-	8	R	F.	62	1	W		
48	SHARLKOUTE RAKEY	8	-	0	10	-			0		
69	SKAH YINIT BHARATKUMAR	DA BIENNA	C COLUMN	West 1	No. of Lot	THE REAL PROPERTY.	No.		VENE		图也
.19	THE RESERVE OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TW	SOLD STREET	Name and	-	No.	-	-				
T	SISGRI HIMASSINI) PRASHANT	-	-	1							
77	KINGST PRENCE PINTU	-	-	-	1		18	-	45		
73	SOGALE INNCARPRANCE	9	-	-10	100		1			U.J.	
21	SOUTRA DHAVAL DESER	-	+		1		-				
:25	VOLANKI DIPESH VASANT	-	-	-	-					U 10	
16	TUDANKAR ANICET DILIP	-	-	-							
77	YADRIYANA DI VYESHTI ARESH	-	-	-							
78			-	-	1	-					
77	The second secon		+								
80		She	1	12	(2h	18	Then	6			
11		Sur	-	Call	Calva	1	100	-			
12	and the same of th	-	-			1					
53		-	-	-	-	-	+				+
14		-	Same and	NAME OF TAXABLE PARTY.	DISCOSION NAMED IN		Windson's	SEC.	1		Si o
15	NAME AND ADDRESS OF TAXABLE PARTY.			1000	1			1500	1000		100
86	The state of the s	10 mm at 10		12.2	E CHARLE		-	and the same of		-	100
17	The second secon			-		-	-	+	1	+	-
11	CHAUDHARE NISHANT				-	-		-	1	-	-
-	GILL V2NAY							-	-	\rightarrow	-





E	SJE	VIV CT: Protik CT INCHARGE:	₩	BA 718	©A/18	97A 718	7/918	71918	14/18	21/1/18	Р	С	T
Ī		Time			1000				1	A			
I	WAR	WALABIESHEK PAWAN	(B)	92	4	93	45	0	a				1. 1
I	AMBR	S METESH ADICYA				-	-	(A)	1				
1	naca:	1. DITRAFRAMESII	100	de	(1)	B	1	(B)	187				
	BEAT	KAR VINIT YINOD						-	-				
	TICAL	DE AKASA RAYINDRA			400	100	/63	-	TV.	P			
	CHA	COHARI PRASAD PRADO	æ	1	(9)	P	(P)		1				
	DAB	HILKAR MAYUR KRISHNA			-	-	-	-	1				
	DAK	HAVE SALONEE SANDESH	-		-	-	-		-				
9	NEV	ALIA NIRAV RAJESHKUMAR	1	100	100	700	PD	80	PO	PD			
19	DIL	NICAR ROWN RAJENDRA	E.D	PD	150	P-D	1-13	1	1				
11	он	ANU HARDIK NANDKUMAR	1	-		+	-	-	1830			T	
12	2 (34)	AROD ELNAL	-	100	10	OF C	(OF	-	A	1D			
L	3 (015	URI AMBUTA RINL	40	A	- A	172	T	1					
1	4 GA	DGUS, GAYATRI SUNIL	-	-	-	-	-						
1	-	NEWAD SANTOSH GORAKH	-	-	+	-	1						
1	64 G/	KWAND ANIKET GUBLINATH	10	1	2 /2	2 12	1/2/	10	12	120			
1	-	ITE PRIYANKA KAJU	de	13	17	1-0	19	100					
	-	OFFE, RONAK NITINBHAI	-	-	-	_							
Į.	_	OUNDAR SHASHIDHARAN	-	-	-	_							
L		SUPTA CIOPI MORIAN	-	-									
l		ALPTA PIRESH MAISAPIR	-	-	_								
l	-	ADHAV CIERAG KRISHNANATH	-	-	_				- Maria				_
١	-	INDHAY HITESH MADHUKAN	30	2 0	ai 5	24 8	2 8	200	Sa	S Co		_	_
١		SADHAV SALAVIL	150	7	0~	-		-				1	_
١	15	JADHAY SIDOHAKATH KISIKOR	-	+									_
	26	JADHAY TANNAY RAJENDRA	and the same		100	1355	10 MH						
1	17	Service (Conjugate)	-							118	1	-	1
į	28	KANBLE SONAL BADAN	_								_	_	-
	29	KESUR JAY JITENBAA	_				300						_
	30	GHAN SHREIN FATMS ALL ARMED	K	0	to 1	COL	20 K	DX	P	0 4	0		1
,		KORE DEWANG MAJENDRA	-						1			_	
	-	KUBAL RAJESH RAMESH			100 E					1			
	33	LUNAGARIYA NIKHE CHINANSHAL											
	34	MANDAYKAR ABHEREE VASANT											
	35	CHROCOL DATE WINDOW		110 17						29	2 1/2	82.8	
	36	The second second	m	0 1	ത്ത	0000	mn (usu U	1000	0 000	30		
	37	A STATE OF THE PARTY OF THE PAR		E ME								Lo fi	58
	38	Commence a service a N					T V						
	39	CONTRACTOR OF THE PARTY								1			
	*	Englishment Programmers					State In			Reid E			1000
	41	THE ROSSIAN PANCHANDIA		P	-N	F 5	P	1 76	M	NP -	P		
	-0	NAME BUSINES BANGANATH	-										

6	PALASE AKSHAY ARON				- 1		_	_			+
_	PANCHAL JATEN VINODICUMAR	_							-		+
	PARAS NEIL		100					_	-	\vdash	+
	TARNALII SHUBBAM RAMAKANT								-	-	+
	PASHTE NIKITA DIPAK								-		-
56	(ATTEXAGORY (Windows)	Total Control	15.0		THE .						100
-	FATEL VISITALKUMAR DINESHISIAS		Q-1	J					10	_	+
-	PATE CHENNAY RAIESE	lan	Open	Alex-	Cpor	Cpass	Gos	-	KAUSI		+
-	PATE MAYERANKESII	1	777	7							-
54	PATE PASKAI BRAGWAN									2	-
55											+
56	PATE RIVA RAJENDRA	-Reest	Persi	Post	Por	-	Parert	ECLLS	tout		+
57	PATE SWAPNE AND	Per		92							-
58	PAWAR ASHWINI SANUAY										
59	PAWAR PRANALI JAGANNATH										1
60								الحورجا			
-	PRADAPATI ANANO SHRIRAN	AP	A	A		P	A)	A	40		
7	100000 100000 100000 100000 100000 100000 100000 100000 100000 100000 100000 100000 100000 100000 100000 1000000	17		//		-	-				
62	Personal Laboratory and Company	S COLUMN 2	The same						F/CHIII		
63	Management of the Control of the Con	-	-	-	SESTIMENTO.						Т
64	BROOK STORY OF THE PARTY OF THE	N STREET	Sec.	AND REAL	500	50 Sec.	10000	100	100	03	5 33
65		S. September	-	1000							\top
66								1			\top
67		0	R	(Contraction	P	R	P	The same	8		
68	SHAH VISIT BHARATKIMAE	0	XC.	8	8	A	-0	000	8		+
70	Marie Control of the	E HUSSE	TROPISS:	BURGO	110111000	CET STREET	THE REAL PROPERTY.	THE REAL	100	100 (100	200
	UNDITIONAMENU PRASHANT	Or I HOUSE DESIGNATION OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS	-	Section 2	-	-					
72	200711000000000										+
-	SOGALE OMKAR PRAMOD	42	-8	000	982	S	98	6	1		
-	SOUTRA DHAVAL DINESH	735			-20	-62		-	CB		+
-	SOLANKI DIPESH VASANT		9								+
-	FODANKAR AMKET DELP										+
_	VADHVANA DVYESH HARESH	-		_						_	+
-	WACHMARE RUCHTA N										+
-	YADAY ROHIT PRABHAKAR										+
19		-					7 /10				+
-	CHAUDHARI SNEHA	10	(8)	12	GI.	TA.	Caha	18	10		+
-	MANDAL GANESH	2000	Car	CALL	EROLE.	LOCAL .	CAPUL	Carlo	suc.		+
-	ESTARDIKAR JAY							-			+
_	MADIYEPRATIGMESI	-									+
**	MAINTE PRACTICOSES	-	MIT A	-	THE REAL PROPERTY.	AND DESCRIPTION		-	-		
-	POSITION			100		200					
-	DESTRUCTION OF STREET	of late of the late of	10000	C=1 P4	100	12.15	100		400	100	
	GAIKWAD AKASH	-		_							1
-07	CHAUDHARI MISHANT		_			-					1
19	GILL VINAY NO OF STUDENTS PRESENT	-									

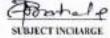
SUBJECT INCHARGE



VIVA Institute of Technology, Virar T.E. ELECTRICAL (2018-2019)

T	BJECT INCHARGE:	butas	neistria	25/2/18	17/9/18	5/1/418	24018	Frio18	7 /18	Р	-	-
1	Ness	4// 1/10	Mr. June	1.10						_	-	H
4	Ties	w.	(A)	0	(A)	CA	A			_	_	-
4	MEXERCAL ABBURGER, PASSAN	9	Ga	93	9	-	16000				-	H
-	AMERIC METESH ABITY'S	D	-	B		0	B				_	-
-1	BACCE BRIBACKASHSH	-95		166	-	4	34.2				_	-
-1	HOLDEAN LOST VINOR	-	-	-								-
4	MORE OF ARASIS EXTREMA	Q.	0		0	D.	0					-
-	CHACOLAR PLANCE PLANCE	1	4	-	-	-	_					_
-	DADICIKAEMASCE KEERINA	-	-	-								
-	DAKHAYE BALONEY SANDESH	-	-									
-	DEVALUANDAV RAJESDISUMAO	-		PD		20	PD					
1	DHANGAR BORING RAISNDRA	Sp	-	LD	5	1						
1	DHANT HARDSCNANDICUMAN	-	-									
2	DRAKOD KUNAL	-		10	1	D	4					-
1	DHURLAMBUTA ST NIL	A	-	3	40	10	72					
4	QADGLE GAYATRI SUNE.		-			-						
1	CANCUAL SANTOON GORAKH											
+	GAWAND ANKET GUILINATH	-		-	-	6	R					
Ť	GITE PUYANKA RANI	(2)	-	0	P	-OP	11/					
1	GOTHE BONAX NITINBIEG	20.4		1	100	-						
9	OULNEAR SHASHDWARAN					-	-					
a.	GUTTA GOPE MOHAN						-	-				
II.	GI-FTA PIKTSH MUSAFIK											
2	MODELN CORRAD CERTIFICACIO							-				
3	ANDREW HITTSHENDARIUSAN					_	-					-
4	DADADAY SALANIL.	Shi	200	-	Sai	-	Sei					
5	MORAY SIDEBARADI KISHOR								-	-		\vdash
800	JADHAV TANMAY RAJENDRA							A THOUGH	THE REAL PROPERTY.		This is not	100
,	or year out the		975		ALC: N			B B B B B B B B B B	DV4017			100
	CAMBLE SOVAL BABAN							-		-	-	\vdash
9	KESUKTAY IITENDRA									_	-	+
0	KULAN SHIREEN EATMA ALI AIMED				-					_	-	⊢
in i	NORE DEWANG MARENDRA	MD	KO	KO	1	KD	KO			-	-	-
	EURAL RAPSHI RUNGSHI	1	1		100							-
-	have consultation and	1 4 4 7		STREET	film in its	DEE:	100	005 W			HE ST	1
9	LUNAGARIYA NEGEL CHEVANBIAN										-	-
4	MANDAVKAR ABIOSHEK VASANT				1/2							1
15	MANAGE OF THE STREET	No. of Lot, Lot,	N E She		To High	REI	MINIS.	le sa			1 OR	1
6.		0000	m	-	LUE	am	m					1
7	NACK NEEPAN APPOINT	S. MARIA	THE REAL PROPERTY.	S STAFF	THE PERSON		1000	IN SE	3-15		100	¥
15	CHARLES AND COMPANY OF THE PARTY OF	The state of the s	The same of the same of	and the same of th								L
9	DRUK ASSIT MAJONERAN	-	1	1								
13	NUNDEAL GUPTA.	A PERSONAL PROPERTY.	NAME OF TAXABLE PARTY.	Marie Line	100	1	100		b = b		Will.	
4	the annual contract	SA CO	SUL II	(30)		Sp	TA	-				Γ
#	NAME ROSHAN RANCHASORA	AC.	5	1	1	-	14	-				T
8	NICAM ASHISR RANGANATH					7			1	Sept.	10000	des

4	PALATE ADDRESS APERS										
	SANCHAL JATEV STRUBNISHING							-			
-	ANABAREL.							-			
-	PARNALE SHUBBAM RUMAKANT							-			
45	PASHTE NIKITA DUNK					-	1200000	REAL PROPERTY.	GOVERN	100 E	SHE
10	Manager Paper 172 St	THE REAL PROPERTY.	SAME.		20/2	15 July 1997	10000	STREET, STREET,	-		
1.	PAYEL SIGNALISATION OF DESCRIPTION OF			9-32				Con	0. 1		
0.	CATE CORNECT A MISSE	Cons	CASE		Count	CACH	-	Chin	- Post		
10	PATE MAYOR AMILTO		1				-	-			+
51	PATE PANKALIBHADWAN			1				-	_		
55	PACE PRANTILEVEN						-		Th		\top
55	PATE RIVE RANGEDER	Phi	"Pour	_	Post	-	Yew	-	Pact	_	1
97	PACE SHAPPILANE							-	-	-	+
-										-	+
19	PANAR BRANALTINGANNATH									_	+
-	PAYA SALSICIANS SAMISHAD			1					-	-+	+
60	PEAIRPAIL MAND SHERAM	P		177	-	100	-	42	P-	_	+
61	ROW PRATIMENIC	1								and the	-
62	AND DESCRIPTION OF THE PARTY OF	III USS III III	100		SOUTH	7.5	112 113	No.		Res in	-
43	200 C C C C C C C C C C C C C C C C C C	-		Will all						-	-
14	The state of the s		Metado B	RE S	1985年						G SHI
115	IT VALTERIAN LUXAN	No. of Concession,									+
64		1 4 4		- 40	3.1	-	-	0	-		+
67	UUUM KSUTI RAIETY	8	-	R.	18	K	*	1	10-		+
18		-0.		- 45	1 "	Diff.		-		-	-
49	The state of the s	TO COMPANY	1000		1			100			問題
70	100000000000000000000000000000000000000	OR AL SELECTION OF THE PERSON NAMED IN	The state of the s	-				11-30-			+
71		-					-			_	-
72		15	-	-07	2	@	8	0	-		
17	The second second	1		-							_
74		-		-							
75											_
76	VADRVANA DVYISH RAREIR										\perp
-											1
75											
78	The second second	1000		600			100	o .	Constant I		
All		Chan	-	Q.	Col	-	She	-	Sh-		
All an		64.7		2							
A2									5.0		A II
10		-									
84	The second secon	DE DESIGNATIONS	I I I I I I I I I I I I I I I I I I I	12 W	THE PARTY	1046	0.0	1	1200		
55						1000		ILAN			
16		B DESIGNATION OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN	THE PERSON	A STATE OF THE PARTY OF	T	The same is the	-				
97	A CONTRACTOR OF THE PARTY OF TH	-	1		+	-	1	1			1
65	and the same of th	-	-	-							+
40	SO OF STUDENTS PRESENT	_	-	-	-	-	-	_			+





VIVA INSTITUTE OF TECHNOLOGY

(Affiliated to University of Mumbai; Approved by AICTE & DTE)

Veer Savarkar Marg, Shirgaon, Virar 401303

Department of Electrical Engineering

CERTIFICATE

This is to certify that,
Mr./Ms. Gite Priyanka Raju
of TE Electrical

has successfully completed value added course on "ELECTRICAL SAFETY PRACTICES" organized by

Department of Electrical Engineering for A.Y. 2018-19 from 6th Jul 2018 to 5th Oct 2018.

Forme

Prof. Pratik Mahale

Course Coordinator

Been

Prof. Bhushan Save Head of Department



VALUE ADDED COURSE

Name of Course:	ELECTRICAL INSTALLATION	Branch:	Electrical Engineering
Duration:	30 Hours	Instructors:	Sushant Bansal
Date of Commencement:	2 Feb 2019	Date of conclusion:	22 April 2019

	Course Outcomes
Upon succ	essful completion of the course, the student must be able to
CO1	To understand practices followed in industries for safety of equipment and personnel.
CO2	To understand basic electrical and electronics concepts, devices and their electrical ratings.
CO3	To understand power transfer systems and their installation practices in industry
CO4	To understand documentation required for installation.

Course Objectives

The objective of this vocational course is to make students understand various installation practices followed in industries for electrical equipment. This course is designed to make students job-ready for the industry by instilling multiple skills in them like electrical drawing and reading, IEEE and IS standards followed in industries, documentation for industries, etc.

	Syllabus	
Unit No.	Contents	Hours
1	Health and safety industry practices The regulations, laws and guidance documents associated with the electrical industry, Use equipment on a construction site, Follow safety procedures, practices and policies on construction sites, Carry out electrical safety procedures and practices, Understand environmental protection, structure and roles of individuals and organizations	6
2	Electrical science Understand direct current principles, Understand electromagnetic properties associated with devices under installation, Understand electronic components required for installation with data sheets and drawings.	6
At Stream	Electrical installation Tools commonly used in electrical installation practices, Erect cable containment/management systems used in electrical installation, Install wiring systems and supports used in electrical installation activities, Install accessories and terminate using a range of connections.	6

4	Power transfer technology Understand how electricity is supplied and the characteristics of consumer's equipment, Understand isolation and protection, Understand automatic disconnection of supply, Understand the principles of final circuits	6
5	Technical documentation with clients Understand technical information with help of IEEE standards, manufacturerguidelines, Drawings used to plan electrical activities, Types of financial information, Types of handover information	6

	Learning Resources
Text	Books:
	1. Trevor Linsley, "Basic electrical installation work", 1989 2. J. B. Gupta, "A Course in Electrical Installation Estimating and Costing", 2013.
Refe	rence Books:
	1. Tarlok Singh, "Installation Commissioning & Maintenance Of Electrical Equipments", 2013 2. Brian Scaddan, "Electrical Installation Work", 2015



VIVA Institute of Technology, Virar

SUBJECT: Value Added cours B.E. ELECTRICAL (2018-2019) Sushour Honry SUBJECT INCHARGE: MITTE 1 12/18 712/18 MIZAS 11/318 14 318 17 X18 1 14/18 P 8 1 10 A) A) AMBHIRE SNEHAL MAHESH A AT ASODARIYA JAYDEEP K. BAJUL AKSHAY VILAS BARAT DIPAK NAVASHA BARI HIMALAY DAYARAM BRATT ANUBAG K. BHAVSAR KAUSTUBH M. BP 8 BOBHATE PRASAD LAXMAN BONDRE HEMENDRA RAMESH 10 CHAKOR KAMESH PANDURANG DESAI RAMCHANDRA PUNAJI 12 DESAI SIDENESH SURESH 13 FAKIR ALISHA ADDULKADAR AD 14 GARDI ADITI VILAS 15 GAWDE HARISH PANDURANG CHOSALKAR MAYUR R GODEKAR SIDDHESH SANTOSH GUPTA AJAY SHAMBHUNATH Du Du Du Du Du o Den Bar Ber GUPTA DILIPKUMAR S. GUPTA RAHUL RAMPRASAD GUPTA ROBIT RAMDAYAL 25 22 GURAV ANKET SANIAY 23 HAZAKE PRACHE PURUSEKITTAN for for for for for feeden 24 LAISWAR SUNIT SHIVKUMAR 25 KADAN ADINATH SUBHASH KADAM TANMAY S. 27 KAMBLE CHETAN YUAY KAMBLE SANKET VITHAL 29 KASBE SHARAD DAMU EE DEC EN EN ECH KIL 8 KK 30 KHOCHARE KRUNAL GANESH CL 34 KPMREDHULBALAN 32 KUMAYAT MONALI RAHINDRA 33 KUSHWAHA DEEPAK B. mm mm m m m 34 MAKWANA HARDIK H. 35 MESTRY ABBISHER MANOHAR 36 MORILE SHANTANUS 37 MURKUTE MORIT SUDESH 38 NAIK PRANALI PRAMOD no no m ma 00 NO 39. PANSARE SANDESHID. 49 PARMAR GAURAY STENDRA PATEL DEEP REMANT 42 PATIL SAURABILIE 43 PATIL TRUPAL BHAGWAN



44	PAWAR MAYUR BABUSING										
45	RALSUMIT SUNE.	Y .	9					4			
46	RANE ABHISHEK KIUSHNA					1	3				
47	RAUT NIMESH ANIL					L. J.	No.				
48	RAYANI SHAILESHKUMAR R										
49	SALMANI INTEZAR ALLI L.			7							
50	SAWANT SIDOHESH TUKARAM				. 7						
51	SHAH KINJAL RASHMIKANT										
52	SHAIKH REHAN MOHD F		6								
53	SINGH DEEPAK M.										
54	SINGH DIBESH DHANANIAY	SP	KP	80	60	RD	80	AP	8D	8	
55	SINGH OMPRAKASH RANJEET										
56	TAMORE HIMANSHU I.										
57	TAMORE KALPESH HEMANT:										
58	TAMORE SUMIT SANDEEP				-0	1				- 3	
59	TANK KINJAL NAVIN	tu	tu	En	ku	tu	on	Ku	fi-	6	
60	TEJAM VIKRANT MANGESH										
61	TELI SWAFNIL NANDKISHOR										
62	UPADHYAY ROHAN ARVIND			V	4	0 0	1 = 3				
63	VAIDYA RAHUL RAIAN							-0.5			
64	VAYADA ANKITA RAMSI	A	10	V8	4	A	LA	W	IA-	8	
65	WADE RUPAL DINESH			1000			-		N.A.		
66	WALAJAY ARUN	1									
67	WATUMBAKE ASHITOSH	3 7			E		Per]			
68	YADAV AKASH RAJMANI										
69	YADA V RAHUL HIRALAL	Pei:	PU	Per	42	Pu	(Fe	P.	Tex	8	
70	ZANJE SHUBHAM MADBUKAR	73	20	75	25	25	30	23	M	8	
71	ZIMAL RISHIKESH							إلييا			
72	CHAVAN PRANIT ABA		0)								
73											
74										П	
75		AL AL		1	0 10				a		
_	NO OF STUDENTS PRESENT	15	15	15	15	15	15	15	11		

SUBJECT INCHARGE



VIVA INSTITUTE OF TECHNOLOGY

(Affiliated to University of Mumbai; Approved by AICTE & DTE)

Veer Savarkar Marg, Shirgaon, Virar 401303

Department of Electrical Engineering

CERTIFICATE

This is to certify that,
Mr./Ms. Gupta Dilipkumar S
of BE Electrical

has successfully completed value added course on "ELECTRICAL INSTALLATION"

organized by

Department of Electrical Engineering

for A.Y. 2018-19 from 14 FEB 2019 to 1 April 2019.

Sury

Bess

Course Coordinator

Head of Department





VIVA INSTITUTE OF TECHNOLOGY

Shirgaon, Virar (E), Tal: Vasai, Dist: Palghar - 401 305.

CIVIL ENGG. DEPARTMENT



SEMESTER VIII

Course Name: Microsoft Project Manager

Academic Year: 18 - 19

Resource person: Ms. Ramya Raju

Conducted as per time table for the respective subject

Hours: 30

Objectives:

- 1. Plan for a project in detail.
- 2. To use templates which creates projects in project 2017
- 3. To create, manage, schedule and track all the imputed resources
- 4. To create, manage, assign and track tasks of all inputted resources
- 5. To work with deadline and constraints
- 6. To use dependencies to help schedule tasks
- 7. To run reports

Course Outcomes

At the end of the course, learners will be able to understand:

- 1. The functions involved in software related to civil engineering projects.
- 2. How to prioritize tasks, define expectations and prepare schedule.
- 3. Will know tracking and managing resources throughout the project.
- 4. To create and tracking budgets and sharing calendars with the team.
- 5. Learn about risk management involved in project management.





VIVA INSTITUTE OF TECHNOLOGY

Shirgaon, Virar (E), Tal: Vasai, Dist: Palghar - 401 305.

CIVIL ENGG. DEPARTMENT



Detailed Syllabus

Chapter 1: An Introduction to Project Management............. 03hours

Recognize when to use project management, role as a project manager is to deliver a project, communications, influence, and careful use of authority all play a major factor in the support you receive to complete the project, Project managers frequently find themselves with the challenge of adding new scope to a project with an already tight timeline. Typically, the job of the project manager is to work with their team to determine what this new scope will mean and how it will affect the project, building and tracking project schedules.

Chapter 2: The Microsoft Project User Interface......05 hours

To recognize best practices when running ms project for the first time, microsoft project user interface, the ribbon area icons, tabs, and access to the backstage, microsoft project scheduling engine, preparing a new project, estimating the project, ribbon actions (icons) you may need to perform within microsoft project, backstage is a full-screen area that allows you to open, save, share, and print your project, using views and tables

Chapter 3: The Microsoft Project Scheduling Engine06 hours

constraint based scheduling, calculates dates for you based on constraints you place on tasks and resources, critical path and user-controlled scheduling, user-controlled scheduling can effectively break the ability to identify the critical path because durations, start dates, and finish dates are not required when using this feature, configure project options, microsoft project offers many options for you to configure the user interface, scheduling engine, and task tracking for your project most of these options are located in the backstage using the options menu item.



use them.

Late Shri Vishnu Waman Thakur Charitable Trust's

VIVA INSTITUTE OF TECHNOLOGY

CIVIL ENGG. DEPARTMENT

Chapter 4:	Preparing a New Project	.6 hours
	VIVA INSTITUTE OF TECHNOLOGY Shirgaon, Virar (E), Tal: Vasai, Dist: Palghar – 401 305. CIVIL ENGG. DEPARTMENT	

Chapter 5: Estimating the Project......3 hours

Add tasks to the project, add durations to each task, add predecessors to each task to link tasks together, create the critical path, add resources to the project, create resource assignments, build a work breakdown structure, add costs to the project, add milestones to the project, add lag and review the critical path, adjust resource allocations.

Chapter 6: Tracking the Project......2 hours

To create a baseline baselines, custom views and fields project reporting task status updates updating task status from your team and update the project progress. resource assignment status updates.

Chapter 7: Custom Views and Fields......3 hours

To create custom views and tables views, create custom fields microsoft project, create graphical indicators when you create a custom field, further enhance it to use graphical indicators. these indicators allow you to display things like red, yellow, and green flag

working with the timeline, multiple timelines in project 2016, 2019 and online, working with the reporting module, about agile projects, using the task board, using sprints, using project online desktop, tips and tricks conclusion go to goskills.com Susing boards and the gantt chart, sharing boards



VIVA INSTITUTE OF TECHNOLOGY

Shirgaon, Virar (E), Tal: Vasai, Dist: Palghar - 401 305.

CIVIL ENGG. DEPARTMENT

Late Shet, Victors Warran Thaker Charitable Treat's



	ortocoty: Ramuja Kaju	H. SOR.			ATTEN	BANCI	SHE	T 2018-	(9 :	80)	1/2	010			Subjec	: 2	hrs	20
earc	and the second second	17	Ph.	T V	711	1 2		1			-	10	· IZ	0.	14.		MARKET	-
2.00	Mission	(9)7	191	14	128	28	218	cole	25/8	28/8	18 4	199	13/4	279	23K	27/4	PEL TOTAL	THEN
44.3	The second secon	100	4000	4.34	100	District Services	100	DOM:	9-L-10	2000	224/12	ARTIS .	1000	March 18	BOOKS.	2007.00	diam'r.	No.
968	The of predict the state of the	PART MARK	200	200	1,500	10 years	September 1	4-04-5	D. Francisco	22962	BUSH	2	19	14.	A	1	-	CO.
	KOLI AAKASH HARESHWAR SUMAN	2	0	A	100	12	6	K	14	15	10		Char	-	de	24.		
2	KUDU GANESH SURESH SUREKHA	_	arts.	Gus	Anne			100	Mess	Ore	100	0		6		au	1	
3	LOKE OMCAR BHIKAII BHGYASHREE	(MA	(A.A.	0	Door		04		100		Acres 1	LU	Com	(DLm)	-	50-2	1	
6	MALI ABBESHEK DILIP DEEPALI	may.	Et.	Title	12	45.0	CN-	1000	47		de	-		QF.	20	100		
	MANSOORI SULEMAN MOHAMMAD	200	120	1	156	in	(4-)	122	-	4	60	720	1	Cres	100	100		
6	MAURYA ADARSH KUMAR	100	100	900					11/1	2		1.7.1	mobile	Mahal	170	mel	-	
	MALIRYA MOHIT ASHOK KUMAR	10	-0	distant.	dek	Service of	MIC.C.	Bri S	W.	10	17.5	Dist.	W/ S	84.1	I.P.	142		1
	MALIRYA SURAI GMPRAKASH UMA	47.5	100	1/13	1005	100				pr.	277	A	20019	19:05		100		1
	MENGE ROSHAN RAVINDRA RASHMI			100			W.		44.		A1.	in.	Adv	4.	17	MIT	1	1
	MESTHI CMKAR PRAKASH PRIYANKA	Aug.	200	150		my	-	0	-	100	7		V-03	(8)	1 4	13	1	1
	MESTRY NILESH RAMCHANDRA VIDYA	160	100	0.34	100	11900	100	+30	CO.	100	No.	100	1	100	10	198	1	1
	MHATKE ROSHAN KANHYA PRATIMA	100	200	125	11345	175	100	13	-	1	4.00	100	11/1/	-100A	100	100		+-
	MORE YASH SACHIN SUNITA	100	100	1.30	120-7	7.0	B - 2	100	100	14	200	100		1000	100	1.60	-	1
4	NAGARE AMOUBHAGVAT SANDEYA	Cotons.	The All	riga.	1.4	- 2	200	(Hear	W. SEE	1.4.0	(ESER)	FILE	T-MAC	WEYE		137		+
	NAGARE GANESH BHAGAWAY SEAILA	177	A	Sing	1479	-A15	440	190	A COL	100	-444	HOUR	1874	1	No. of Section	- Porte	41	+
	NAGARKAR CHIRAG DAMODAR	- 82:	25.510	11:50	2.95	2138	19.50	255		1	17.0	1	100	A STE	*75	A Property	41-	-
	NAIK YOGESH DATTATREY GEETA	1365	Att.	10	100	1997	Carl.	17	And	が意	150	150	112	4.00		Cinny		-
	RESELAD DAYARAM CHUNNILAL	1,20	7,00		100	24.09	Tida	_	-	Line	31.44	112	10 pt 45	1.300	45	300	-	-
	PADASKAR MAYURESH MASHNU	(79)	De .	(18)	1975	100	1750	(m)	02	100	17778	ELEB	3/6	1.0	10	130		-
	PALKAR JITENDRA GANFAT SUVARNA	2700	A14	ALC:	松松	100	14.10	10	120	List	CHY		A Tak	N Ph	CAD	17	4	+
	PANCHAL HARDIK DINESH BHARATI	100,1	4	M-2008	Mark.	100	Wil.	A	能的官	1704	Herry	(ITEMA)	1113	13.70	11.3	3 1	1	-
2	PANDEY ABHISHEX	1903	NºVO.	A Labor	litely.	10%	Motor C	Car.	left Terr	F (0)	22m	100	K M	V 100	ct/b	he Ch	nlt.	



Late Shri Vishnu Waman Thakur Charitable Trust's

VIVA INSTITUTE OF TECHNOLOGY

Approved by AICTE New Delhi, Affiliated to University of Mumbai Shirgaon, Virar (East), Dist: Palghar – 401 303, Maharashtra



Certificate of Participation

This is to certify that Dr. / Mr. / Ms. MALI ABHISHEK has attended software course on "MSP & PRIMAVERA" organized by Civil Engineering Department from 19th July 2018 to 30th September 2018 at VIVA Institute of Technology, Shirgaon, Mumbai.

(Prof. Ramya Raju)

Co-ordinator

(Prof. Lissy Jose)

Head of Civil Engg Department

(Dr. Arun Kumar)

Principal





VIVA INSTITUTE OF TECHNOLOGY

Shirgaon, Virar (E), Tal: Vasai, Dist: Palghar - 401 305.

CIVIL ENGG. DEPARTMENT



Name of the Course: Matlab

AY: 2018-19

Course Duration: 30 hrs

Resource person: Ms. Chitra Takle

Schedule

Date	Pre-Lunch (9am-12pm)	Post-Lunch (1pm-4pm)
02/07/2018	Session 1	Hands on
03/07/2018	Session 2	Hands on
04/07/2018	Session 3	Hands on
05/07/2018	Session 4	Hands on
06/07/2018	Session 5	Hands on

Day 01: Introduction to MATLAB

Matlab basics – variables, numbers, operators, expressions, input & output

Vectors, Arrays - Matrices

Day 02: MATLAB functions

Built in functions

User defined functions

Day 03: Graphics with MATLAB

 $Files\ and\ file\ management-import\ /\ export$

Basic 2D, 3D plots





VIVA INSTITUTE OF TECHNOLOGY

Shirgaon, Virar (E), Tal: Vasai, Dist: Palghar - 401 305.

CIVIL ENGG. DEPARTMENT



Day 04: Programming with MATLAB

Conditional statements, Loops

MATLAB Programs- Programming and debubbing

Applications of MATLAB programming

Day 05: Mathematical Computing with MATLAB

Algebraic equations

Basic Symbolic Calculus and Differential equations

Numerical Techniques and Transforms

Course Objectives:

- 1. To learn features of MATLAB as a programming tool
- 2. To promote new teaching model that will help to develop programming skills and technique to solve mathematical problems
- 3. To understand MATLAB graphic feature and its applications
- 4. To use MATLAB as a simulation tool

Course outcomes:

- 1. Students will be able to understand various tools used in MATLAB
- 2. Students will be able to understand various models for developing programming skills
- 3. Students will be able to understand graphic feature & applications
- 4. Students will be able to operate simulation tools





VIVA INSTITUTE OF TECHNOLOGY

Shirgaon, Virar (E), Tal: Vasai, Dist: Palghar – 401 305.

CIVIL ENGG. DEPARTMENT



CO PO MAPPING

					Pr	ogran	Outc	omes					CO target
СО	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
C01	2												2
CO2		2			2								2
CO3		1									1		1.5
C04		1		1									2
	2	2		1	2						1		





VIVA INSTITUTE OF TECHNOLOGY

Shirgaon, Virar (E), Tal: Vasai, Dist: Palghar – 401 305.

CIVIL ENGG. DEPARTMENT



ATTENDANCE SHEET

wel:	07/01/2019 ATTEN	SHIRGA B.E. DI DANCE	on, viz. V B CI	VIL SE	M VIII	JECT:	SHE		өтнакда Эз	19)		
ROI	EX NAME OF THE STUDENTS DATE	27	37	यांत्र	5/7	67	•	1	-	Pg Total	CF	Cir Total
N	THE REPORT HARFSHWAR SUMAN	Miles	CO JE	0	100	Cototo			1			
- 1	ATTIMICANESH SURESH SUREKHA	Total	Cook	Ch.S	202	2,5						
- 1	OVE OME AR BHINAJI BHAGYASHREE	ace	30	NO.	NOW	6						
	MALI ABHISHEK DILIP DEEPALI	A	· de	ign	-dir	de						100
	MANSOORI SULEMAN MOHAMMAD	Tolor	٨	A	A	Julan						
	MAURYA ADARSH KUMAR	(n)	00	OR.	A-6	2	11				-	
7	MAURYA MOHIT ASBOK KUMAR	18	A	10	AS	AS						
3	MAURYA SURAJ OMPRAKASH UMA	uma	uma	uma	A	uma						
9	MENGE ROSHAN RAVINDRA RASHMI	A	Pov	100000	A	Pour	- 119					
10	MESTRY NILESH RAMCHANDRA VIDYA	(N)	A.	R	N	a						
11	MHATRE ROSHAN KANHYA PRATIMA	TO V	N	Ver	A	600						
750	MOKAL KARAN	A	W	A	10	é			1			
12	MORE YASH SACHIN SUNITA	A	Hes	yel	1100	400	1				9	0
13	NAGARE AMOL BRAGVAT SANDHYA	A	A	A	A	A						
14		Raik	-	Las	A	Jak				1		- 8
15	NAGARE GANESH BHAGAWAN SHAILA	A	Tion of		hire							
16	NAGARKAR CHIRAG DAMODAR	1 1	Cho.	LA	A	NO.			1		1	
17	NAIK YOGESH DATTATREY GEETA	don	Wo	7	-	5	-		-	+	1	
15	NISHAD DAYARAM CHUNNILAL	0	410	N	(4)	W.	-		-	-	1	-
19	PADASKAR MAYURESH MASHNU	A	A	19	A	M		_	-	-	+	+
20	PALKAR JITENDRA GANPAT SUVARNA	A	SON	A	1	A	-			-	+	-
21	PANCHAL HARDIK DINESH BHARATI	A	Por	A	la	7					1	-
22	PARBATE BHAVESH RAMESH RESHMA	on	AL	TOY	A	A	-				1	-
23	PARMAR ANIKET BHAIRULAL PAVAN	Friar	Or	A	A	Faiar						
92	PATHAK ASHISHKUMAR ANAND	A	9	æ	A	a.			16			
24	PARTICIPATE TO THE PARTICIPATE OF THE PARTICIPATE O	To !	1	(8)	0	9						
15	PATIL BHAGYASHRI NARESH SHOBHA (0	A	0	On	Tige						
16	PATIL DIPESH JAYPRAKASH	A	Chilo		12. VI	A				1	1	
27	PATIL GAURAV RAMESH SULOCHANA	F	100	P	1700	1				-		27 0
28	PATIL HARSHITA VIJAY RANJANA	V	A	200	100	A	-	_	-	3		
29	PATIL KALPIT JITENDRA JAGRUTI	A	A	P	A	5						
30	PATIL KOMAL SUDHIR SUNITA	(2)	A	A	8	A	1_1				3	
31	PATIL KRANTESH DILIP CHITRA	A	A	A-	A	A	ii l		1		7	
12	PATIL MAYURESH NARAYAN	A	AI	A	A	A				3		
00 3	PATIL RAKSHANDA DIPAK SANGITA	A	A	ħ	P	A				7		
33	PATIL SANKET	Bore	-	Zanto	20	-	7		1	1010	1	F





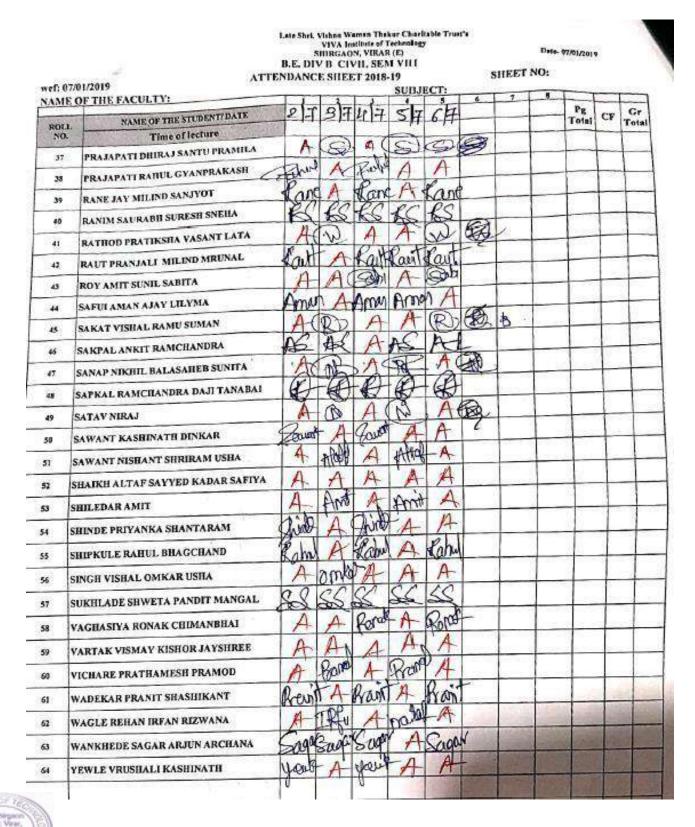
Lates & hard in Short Warm a Til Til Kaku Cil Chiant har ler Tistist's

VIVA INSTITUTE OF TECHNOLOGY

Shirgaon, Virar (E), Tal: Vasai, Dist: Palghar – 401 305.

CIVIL ENGG. DEPARTMENT







VIVA INSTITUTE OF TECHNOLOGY

Shirgaon, Virar (E), Tal: Vasai, Dist: Palghar – 401 305.

CIVIL ENGG. DEPARTMENT



		M	7,71110	CAUN, V DIV A	ind look likele (E) CIVIL	PAR V		ent's	1000		- 07mb/r	nia.		1
46	6.010	OF THE FACULTY:	TO THE	15.741161	T 2018		UBJ	ECT	SI	IEET N	O:			. 1
lane.	OLA NO.	NAME OF THE STUDENTY DATE.	.0	V	ने में	75	7	6 4			-	Pg Total	CF	Gr Total
-	1	AGRE SEJAL MAHENDRA SONAL	CX.	1	A	(8)	10)	A						100
-	2	ANSARI NAZISH MAQSOOD	M		Ma		bz	MAZ	-		-		_	
-		ADSANIVA TIMIR	19	TA	ofa	1	1	A			-	-	-	-
		AVHAD NIKHH, BHALCHANDRA	AM	A	AL	JA	V	AN	_	-	-	+-	-	-
-		AVHAD SUMEET ROHIDAS	- 1	1/20	E	5 /	+	House	-	-	-	-	-	+
		BAMBARKAR OMKAR VIJAY	sink	M Ow	KY A	OW	4Ca	onke	~	-	-	+-	+	+
7		BARI CHAITANYA NITEEEN	A	M	A CO	15	14	A		-	-	-	+	+
s		IARIA SANKALP	Box	4	Mar	debo	ria	Barne	_	-	+	+	+	+
9		ATAWALE VINOD HARISH	A	W	1	1	2	A		-	+	-	+	+
10		ECHAVADE SANKET SANTOSH	A	1	A	1		A		+	1-	-	+	-
1.0		ELOSE ONKAR VIKAS YOJANA	A	Nuo	0 /	D	0	A		-	-	1	-	-
11		ERDE VIGHNESH SANTOSH	Via	Va	140	14	9	Via			1	1	1	-
12	2004.00	HAGADE UDAY NARESH NITA	A	N	1)	D		A					-	_
13			link	4	Alas	The second	16	A				1		
14	100	HAGAT HARSHAD TUKARAM	May	A	may	I visit	4	My	V					
15	- 1	IANDE MAYUR ANIL ANITA		and	-	-	ik			1				
16	BI	IOIR ANIKET MANOJ	A	1	1	1		1		1	1		7	
17	BH	IOIR APURVA KALURAM	H	THE.	His	199	1	1	-	+	1		+	1
18	ВО	MBALE ABHISHEK ANANT	Jan.	A	AGO	F		4	_	-	+		+	1
19	1.411.00	WLEKAR KALPESH LAXMAN	158	15\$	B	B		欧		-	-	-	+	+
0	1000000	AHMBHATT RUSHABH ASHOK	Rule	A	0	A		A			_	_	-	1
1		ARIPALLI RAHUL RAVINDRA	A	1	A	1		A		8 =				
2	100	KANE SHAILESH	A	Sus	TA							1	-	-
3	СНІ	PLUNKAR KALPANA MANOHAR	A	A	tale	4 1	1	A		3		- 1		
		PRA RAHUL RAJMAL	Dor	thor	The			chor)					1
	-	RUNG DHIRAJ JAYESH	A	Jan.	A	P	1	Drog						
	DEO	RA TEJAS AMRITLAL GEETA	Seid	A	Tea	Tel	8	ejas	!					
2011	215000	HMUKH KUNAL ATMARAM	Qu	A	0	A		and 1	37					
		INJE VRUSHABH VASANT	A	A	Und	10		Trus						
-	0.50000	HODE SWAPNIL DHAKU	A	Sugar	A	1		A		M			1	
-		EY ANIKET	Ni	A	Ky	A	-	A				V.		
-	.0.5005	/EDI NITYANAND	DN	DN	A	DN		DN					1	
-1	1000	ALI SWATI SARJAPPA	A	A	4300	A	1	500						
(GAW.	AD RUGVED MANGESH		A	A	M		A		15				
-		AD SAMIKSHA RAVIKUMAR		1	10	0	1	Di		1				



VIVA INSTITUTE OF TECHNOLOGY

Shirgaon, Virar (E), Tal: Vasai, Dist: Palghar – 401 305.

CIVIL ENGG. DEPARTMENT



-	NAME OF THE STUDENTY DATE	0 -	ola	3	SUBJ	A. I	_6_1	7 1			_	
NO	The state of the s	-14	-317	47	SIF	6 7		- 3		Pg	-	Gr
37	GHANEKAR ROHIT VISHVANATH	A	A	A	24	Λ				Total	CF	Total
.33	GHARAT BHUSHAN PRABHAKAR	A	E CONT	1	A.O.	1				-		
39	GHARAT JAY JITENDRA JANHAVI	Tur	A	A	30	IA		-		-	-	-
40	GHARAT UJWAL UMESH	A.	Die	To t	4	A				-	-	-
41	GORULE SIDDHESH JAYWANT	So	870	bid	Cit	cit		-	-	-	-	+
42	GURAV DAKSHESH SADANAND	(30)	10	S.W.	SUA	10				-	-	+
4	HADAL VISHAL RAMU BHARATI	A	1	Δ.	The							-
44	HEBALE SIDDHESH ANNARAO	The	1	1	Creat	1	-		-	-	+	+
45	HILE GANESH VASUDEV SHOBHA	A	ado	A	Chi	A			-	-	+	+
46	JADHAV MAYUR	The	to.	A	30	Alt				-	+	1
47	JADHAV PRATHAMESH SUNIL	A	300	1	00	- A			-	+	+	+
rs.	JHA DEEPAK KISHOR HEMA	X do	A	1	1	A	-	_		-	+	+
9	JOSHI AMIT SHANKAR SHITAL	hait.	A	Anist		1000			-	+	+	+
9	KADU JITESH BHAGWAN PRABHA	TVIII	ATTYPI	Atrilli	AW.	AVIII			-	-	4	
	KAMBLE HARSHAD HARI	A	71	A	7	0	1	-	-	+	1	
- 1	KAMBLE TUSHAR MADHUKAR	100	المالي	-1		W			-	+	-	1
	Secretary Services and Control of	1 Wells	de la	Torke		Tosh						
	KANOJIYA DEEPANKAR	0	1	A	1	See	1			V.		
I	CASKAR HITESH	Me	A	ST.	H	A						
F	CHAIRNAR NIKHIL YUVRAJ	Mi	NA	A	Nit	Nik				1		
F	CHAMBE SANDEEP ANIL	A	A	Canel	TA	A						
F	CHAN MOHD ASIF MOHD HAKIM	17.00	A	A	11.18	A					17	0
F	HANOLKAR ANIKET RAMDAS	A	Sa	A	Min	A	1		1			
	CHARAT VISHAL BALASAHEB	21	KV	X11	211	2/						589
-	CHEDEKAR SAISH DINESH	1 X	1.00	Y	A	A		-	1918		100	A TO
+	CHEDEKAR SHREYAS RAGHUNATH	Grove	A	Shie	A	A		1	10			
	OKALE JAY SANTOSH GEETA	70			17.5	-						
-	RODE AND SHEET HERE WAS COMED TO VEHICLE WHILE WAS	300	Jan	Jay	Jay	Jay		-	100		-	-
K	OKATE ANIRUDDA SUBHASH	A	61	M	A	A	_	, fig.	No.	100	1	-
K	OKATE SWAPNIL SUBHASH	A	Just	A	A	A		188			1	
		1				1			a de			



VIVA Institute of Technology

Approved By AICTE, New Delhi, DTE, Govt. of Maharashtra
Affiliated to the University of Mumbai
Shirgaon, Virar(E.), Dist: Palghar- 401305, Maharashtra

DEPARTMENT OF FIRST YEAR ENGINEERING

ACADEMIC YEAR-2018-19

VALUE ADDED COURSE

NAME	SOFT SKILLS
DURATION	(1 WEEK) 30 HRS
DATE & TIME	1st Jan to 5th Jan 2019/9.00am -12.00pm and 1.00pm -4.00pm
RESOURSE PERSON	Mr. Prashant Pawar & Mrs.Trupti Patil

COURSE OBJECTIVE:

To help the future engineers to understand and implement soft skills in the work environment.

Aim: The course can help future engineers to improve their communication, problem-solving and presentation skills with an aim to land a better job.

SESSIONS ON SOFT SKILLS:

Session 1.	Soft Skills and You
Session 2.	Interpersonal Communications
Session 3.	Leadership Management
Session 4.	Preparing for Employment
Session 5.	Group Discussion
Session 6.	Resume Building
Session 7.	Mock Interview
Session 8.	Presentation Skills
Session 9.	Communication at Workplace
Session 10.	Workplace Etiquette



CO-ORDINATOR PROF. Jayesh Jain



H.O.D DR. Ajazul Haque



Late Shri, Visiona Wamun Thakor Charitable Trans's VIVA Institute of Technology Academic Year: 2018-2019

First Year Engineering Attendance for certificate courses

_	Date	121	/2019	2/1/	2019	3/1/2	339	40/2	019	5/1/2	010
	Tople	Said State and Tree	knoperated Companions	Laulerdig Histoperent	Deputy to Deplement	Sup(Decemen	Resortable	Mod Internet	Person Nile	Connector a Veligina	Notices Input
2.20		Seation 1	Semion 2	Senion 3	Session 4	Session 5	Seuton 6	Session 7	Session 8	Session 9	Session 10
8, NO.	The State of the S	TANK	Tones	tand	tensi	THEN	TOWN	Tamos ,	Torro	Tarra	Tami
1	ASHANE TANVISHASHAN	Babien	Badilya	Brown	Brange	adition	Basilya	Partity.	(BRANNING	@ Bridge	appir
1	NAME AD CITE STENDER	1800942	-	Burrelm	Beaute	1 Grunglan	Boursh	Boute	Buch	10	- Bar
3	BYWASHIR LAUTO, MAD ANNING	4 drawate	Ychannie	Yelverie	Ychowala	-	lectrone	Ychowa	4chapa	Ychauca	41.4
4	Daws, non-leaded	100000000000000000000000000000000000000	0.000	2 0 0mm	D. D. DOTTO	and the same of th	0.0 Due	-	D. Dus	The state of the last	400
5	DOME DELANGE DEVENDES	D.D.Dass	1	A Company	The second second	THE RESERVE OF THE PERSON NAMED IN	(n) belobed	(nselecu)	Craderi		-
6	DOM: CHARLE AN-111	Colleges	(250,000	Glaser	assessin	Oldeni			The state of the s	DOSTON	Popular
7	DESAU SHEEL ASPICIT	Desert	Merry	Desen	ARSOL	Dayer	Person	Deseil	Delevi	Deseu	Apose
	GUPTH AME MONNA	tgaeto	Acutota	ATUMPES	Agapta.	Agopta	Tageto	Aguera	* THE	Agueta	Agopt
9	CUTTS AUGMENTAL STREET	678 thereby	(Rest and	CANAL	CORCHOL	Ol & Server	(attour	Charge	aldone	Golfon,	GA
00	CUPTA GALBAY SHTAMAAL	REALIN	gajam	Bore	aggare	gapan	Man .	openin	againi	9 Havan	0.9-
11	KOTA PHITISURAVA PRASHACIA	Hobry	Harry	Happy	HAS .	Hatap	AND	Hotel P.	Hotel	Maken	Het.
12	MGALF MARKET SLAM	Large		Santa	Surla	Lordes	Souble	Sould	Sad	Sould	Som
13	SA STRUE SHERRY VIOLE	ASTOR	ASHOR		CSTOK	95 HOK	ASTICK	HSHICK	At Mose	ASILON	
14	HOMAN MITAL BALBSONA	Moul	Hoyard	Much	What	Mond	Mark	May	What	Mend	Ma
15	SASHASI PAWAN GANESIA	JONAS	Talest	Bula	green.	Tau	Tolar	John	There	300	Trul
16	WARDYS THE STEEL ASSESSMENT	the state of	3040	Morale	Truels	Erust	(Cornel)	total	1 Land	derent?	17
17	DATE REPRESENTE OUT STREET, ROWALD	/E/u/	12 4	Boul	Alle	Balel	But	Boll	BAN	Belly	老板
18	MORRISON CANADA CANADA	Smitch		1				Sandra	South	2 844	in the same
15	MORE AND MATORI	AMERIC	Amero	Anuero	Amero	Amore	Agiare	Lourse	Ameri	Acres	4 1
26	MARCHA PARAS BAYNOSIA	Booms	Paner	Dages	Pagan	Par	Poras	Jen	X-2	Amare	1000
21	AMPUTUM MOTTH PROCEASET	Mayee	Situa	Atva	1 Stra		Artivo	A. They	ASTHUM	Aitua	8 0
22	NAME OF PERSONS ASSESSED ASSESSED.	Ensit	Below!	Smill	Short /	SWAY	Simil	Sugh	Sull	Cutil	Sunit
23	PARAGONE SAUN'	Post !	Red	Podal	PahiA	Posts	Pankil	2 62	Portal	B.43/	Poli
24	PASH'S POCH COOK	Pool	Maris	Monh	PARIL	-Pearl	-DanaTa	Ben II	Back	Daniel Co	1700
25	NATE SUBSER DEWAY	1 Falle	1 Bake	-thate	HARLE	HALLO	Palle	Halle	HALLE	10-11-	100%
26	WIE ADMINISTRA	How	J-ca 121	tamb	+ coul	trul	1 1 20 01	1000	Trans	Palle	Trub
7.0	BAST AND DES PRAKSIA	Rout	Raut	Rout	Aold	But	Tema	to any	Tarry	Kenik	Ten
27		Pansimen	- I was a second second	The state of the s	777	The state of the s	z-aut	Raut	Paul	119/1	7 24
28	CASE MIT WEEK		0 .	10 1	The second liverage and the second	- Egyalagi	177	Keymed	Calcula	-	P.G
29	WWOOL PUTHAN FRACHARINATH	gafan.	moon	non	H Kraffen	fromon	Proch an	roman	The second second	tran	Bar
30	MARIE CHERN BRADYAN	Chi	anem	U.	The second second	Chefut	OVER -	Chille	Chek	Creke	Tr. Chr
	Name & Sign of Speaker Dr. Trupti Patil	Court)	There	1 TOWN	Char	Chen-	Spath	一个	Gall	apple	Seg





VIVA Institute of Technology

Approved By AICTE, New Delhi, DTE, Govt. of Maharashtra Affiliated to the University of Mumbai Shirgaon, Virar(E.), Dist: Palghar- 401305, Maharashtra

CERTIFICATE OF PARTICIPATION

This is to certify that Mrs. ASWANI TANVI BHAGWAN

attended one-week Program on "Soft Skills" organized by Firsf Year Engineering Department Of VIVA Institute of Technology from 1st Jan to 5th Jan 2019.



Co-ordinator Prof. Jayesh Jain



H.O.D Dr. Ajazul Haque



Vishnu Waman Thakur Charitable Trust's VIVA Institute of Technology

Approved By AICTE, New Delhi, DTE, Govt. of Maharashtra Affiliated to the University of Mumbai Shirgaon, Virar(E.), Dist: Palghar- 401305, Maharashtra

A.Y. 2017-2018





VA INSTITUTE OF TECHNOLOGY COMPLETER PRODUCERING DEPARTMENT

Academic Year 2017-18

Course name: - Programming with JAVA Duration: - 10th July 2017 to 14th July 2017

Venue: - VIVA Institute of Technology Co-ordinator: - Prof. Janhavi Thakur

Enrolled students: - 20

Course Objective:-

 To understand the basic concepts and fundamentals of platform independent object oriented language.

To demonstrate skills in writing programs using exception handling techniques and multithreading.

To understand streams and efficient user interface design techniques.

4. To write programs for solving real world problems using java collection framework.

To impart hands-on experience with java programming.

Course Outcomes: -

After successful completion of the course, the students are able to

 Use the syntax and semantics of java programming language and basic concepts of OOP.

Develop reusable programs using the concepts of inheritance, polymorphism, interfaces and packages.

 Apply the concepts of Multithreading and Exception handling to develop efficient and error free codes.

4. Able to write programs for solving real world problems using java collection frame work.

Course Schedule: -

Days	Morning Session (9 am to 12 pm)	Afternoon Session (1 pm to 4 pm)
1	Introduction to Java, Java buzzword, scope, and lifetime	Classes and Objects Inheritance Exercise
2	Interference, Packages	Exception Handling Exercise
3	Strings, and Library	Multithreading Exercise
4	Applets	Event Handling Exercise
5	Layout Manager	Quiz





IVA INSTITUTE OF TECHNOLOGY

Computer engg. department of VIVA Institute of Technology conducted a course on "Programming with JAVA" for second and third year students. Total 20 students had been enrolled for this course.

This course was conducted by Prof. Janhavi Thakur in order to provide basic knowledge of JAVA programming. This was 30 hrs. certificate

During the course students learned basic programming of JAVA. course. Also students learned all concepts of JAVA like interference, packages, applets and so on. Students practiced of all things concepts in the exercise session. All doubts and errors during programming were solved by the co-ordinator.

Students enjoyed the course and completed it successfully.

CO-PO Mapping: -

Course					Prop	ram	Outo	ome				
Outcom	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	9	PO 10	PO 11	PO 12
CO 1	3	-	-	-	-	-	-	-	-	*	*	-
CO2	-	2	-		-	-	-	-		-	-	
CO3	-		3	1	+	-			-	*	-	-
CO4	20	+	3	-	-	-	-	-	-	-	-	-
	3	2	3	3	-		2	-	-	-	-	-

COs	POS	Justification
CO1	PO1	Strongly mapped as the students will be able to analyse the problem to be implemented using basics of Python.
CO2	PO2	Moderately mapped as the students will be able to identify the technique required to implement the problem.
CO3	PO3	Strongly mapped as the students will be able to find a solution for the problem identified.
	PO4	Slightly mapped as the students will be able to depict the project outcome and future scope.
CO4	PO3	Strongly mapped as the students will be able to develop design methodologies for the system to be developed.

Ashwini Save

HOD, Computer Engg.





A INSTITUTE OF TECHNOLOGY

Computer Engineering Department

Academic Year 2017 - 18

Course Name: Programming with JAVA 50th Auto 2017 to 14th July 2017

ourse	Duration: 10th July 2017 to 14	as a dily an		Amenda	nce Sheet			43107	72017	14/07	
		T 4000	7/2017		7/2017	12/07	V2017		Atumoen	Morning	Aftersoo
r No.	Name of Student	Marring	Attences		Afternoon Session	Musting Session (9	Afternaon Secular (3 to 4)	Morning Session (9 to 12.)	(1 to 4)	Session (9 to 12)	Session (1 to 4)
E. 940.	Name of Control	(9 to 12)	and the same of th	(9 to 12)	(1 to 4)	(a 17)	8A	SA	8A	84	SA
+	ANOWALKAR SAREL VISAV	8A	84	80	SA.	8A Ventan	and the same of	45 ()	A Print	1	Value
2	AREKAR VRESHELE JAYWANT	Victor		Vicebal	yrones	A. A.	-4-	(20)	(23)	(00)	100
1	DHALERAG BOIRT YASHWANT	000	CC	000	Sulpai	Bube		Sulve		Sur	A.C.
4	CHACKEY SCHAS SATISPRAKASH	Suha.	9400		Acc	ALC	D. C.	A.C.	Sone	A.C.	
	CHACILOS ABJUN MUND	N.C.	Sanklin	Po C	Sankha			5 dink Ho	-	-	-
	HATE SANKITA SHARAD	Sentio	and the second		Orien.	A COLUMN TO A COLU	8WYEN	Brice.	Omor	Joseph .	Sol
Ť	BERTE VISHAKHA ANIL	grante W	1	Maria Maria	Jestry	Joseph	Joshiv	-h-			Property
8	JOSHI VARHW YUAY	Joshiv			COMPA	Rolling	Actor Control		CO	02	60
9	KAMBLE PRIVANKA ULIKAS	RHT	32	13	(B)	@	₽"	Shivers	shiven	The second second	chiv
10	SHIER VISET DOVANESEWAR	Skirter	-	Shiren	-0-	Chiven		Company of the last of the las	-0-	Reller	Que
61	BHOVED SHIVANI MANORAR	Clear	Repair	Callan	PHAN	Pastavi	Salan	Palan	14	4	100
12	BILLAVA PALLAVI 20GA	5	L	4	4	4	- January	copel	400	- COP	
13	CHAUTHARY VIKAS RATESH	Empui	Take	Dell.	TANK	100		100	(A)	A	A
14	CHAVAN DEEPALE SANIAY	Q.	(A)	(A)	CK	(B)	Social	(A)	140	-	10
15	DHANDE ANT TRACUE	5010	Separa	-	Edd.	Sugar	200	No.	No.	X	12
16	DUBEY SIWETA UMASHANKAR MAETHAK HARSH PANKAI	37	19	14	80%	R.M.	Q.M.	O as	. f.M	. F.M	4.
16	MISHRA RAHLI, INDRASEN.	f.M.	R.M.	-0-	- A -	Do	Son	160	Par	for	
19	MIDENYEERA PRAINAL MUTTIFA	Jan .	-Bro	Ar.	MAL	ANI	CAN	(A)N	(AN	-17	
29	NIKAM ABHISHEK SHASHKANT	(9V)	(QN)	(BN	K9.4	(S)(C)	ATA P	1	115000		



Late Shri, Vishnu Wemen Thakur Charitable Trust's

VIVA Institute of Technology

Approved By AICTE, New Delhi, DTE, Govt. of Maharashtra Affiliated to the University of Mumbai Shirgaon, Virar(E.), Dist: Palghar- 401305, Maharashtra

CERTIFICATE

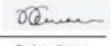
OF PARTICIPATION

This is to certify that ROHIT YASHWANT BHALERAO

attended a one-week course Program on "Programming with JAVA" organized by the Computer Engineering Department Of VIVA Institute of Technology from 10th July to 14th July 2017.



Prof. Ashwira Save H.D.D



Dr. Arun Kumar Principal





Academic Year 2017-18

Course name: - Natural Language Processing

Duration: - 10th July 2017 to 14th July 2017

Venue: - VIVA Institute of Technology Co-ordinator: - Prof. Pallavi Raut

Enrolled students: - 69

Course Objective:-

To teach students the leading trends and systems in natural language processing.

- To understand the algorithms available for the processing of linguistic information and computational properties of natural languages.
- To enable students to be capable to describe the application based on natural language processing and to show the points of syntactic, semantic and pragmatic processing.
- To develop systems for various NLP problems with moderate complexity.
- To learn various strategies for NLP system evaluation and error analysis.

Course Outcomes: -

After successful completion of the course, the students are able to

- Understand approaches to syntax and semantics in NLP.
- Understand approaches to discourse, generation, dialogue and summarization within NLP.
- Demonstrate understanding of the relationship between NLP and statistics & machine learning.
- 4. Develop systems for various NLP problems with moderate complexity
- Evaluate NLP systems, identify shortcomings and suggest solutions for these shortcomings

Course Schedule: -

Days	Morning Session	Afternoon Session
	(9 am to 12 pm)	(1 pm to 4 pm)
1	Introduction & Syllabus What is Natural Language Processing?	NLTK, Python 3 and the Jupyter Notebook Introduction to HPC
2	Regular Expressions and Automata, Finite State Transducers and Morphology	Probabilistic models of spelling, N- grams
3	Tokenization, N-grams and Scriptic continua	Stemming and Lemmatization, Synsets and Hypernyms



4	POS Tagging and Stopwords	Text "Features" and TF-IDF Classification
5	Named Entity Recognition (NER	Quiz

Report:-

Computer engg, department of VIVA Institute of Technology conducted a course on "Natural Language Processing" for Last year students. Total 69 students had been enrolled for this course.

This course was conducted by Prof. Pallavi Raut in order to provide knowledge of Natural Language Processing. This course is intended as a theoretical and methodological introduction to a the most widely used and effective current techniques, strategies and toolkits for natural language processing, with a primary focus on those available in the Python programming language. This was 30 hrs. certificate course.

During the course students learned basic of Natural Language Processing. Also students learned all concepts of Natural Language Processing like Regular Expressions and Automata, Finite State Transducers and Morphology and so on. Students practiced of all things concepts in the exercise session. All doubts and errors during programming were solved by the coordinator.

Students enjoyed the course and completed it successfully.

CO-PO Mapping: -

Course					Pro	gram	Outco	me				
Outcome	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO 9	PO1 0	PO1 1	PO1 2
CO 1	3	-	-	-	-	-	-	-	-	-	-	-
CO2	-	2	-	-	-	-	-	-	-	-	-	-
CO3	-	-	3	1	-	-	-	-	-	-	1	1
CO4	-	-	3	-	-	-	-	-	-	-	-	-
CO 5	-	-	-	3	-	-	-	-	-	-	-	-

Ashwini Save HOD, Computer Engg.



A7-2017-18



VIVA INSTITUTE OF TECHNOLOGY

Computer Engineering Department

Semester: VII BE Natural Language Processi Week/Month:
Subject Incharge: 10th July - 14th July

Roll No	Name	10+	11/7	14	13/7	14/7	RUZ	Tota
1	GUPTA SAKSHI SANJEEV	Cerata	Goods	Gury	aprile	Cryste	Guerra	
2	SANGALE KAJOL SOMNATH	Seat	Suls	Couls	Sends.	Sul	Sunts	
3	MORE UJAVALA BHARAT	@	(mi)	mo	(63)	(MR	a	
4	LADE SHRUTI PRAMOD	Labe	late	-015	علعا	Vale_	luke	
5	MANDPELLISWATIDATTATHREYA	10	0	40	10	100	10	
6	NAIK SIDDHI VASUDEO	Slak	Noik	Nak	dele	rstail	Mile	
7	SHIV DHAR	Bhuir		Sher	5 Hut	Sharr	Shir	
8	PEDNEKAR SUYOG	SP	88	80	APS	&P	88	
9	BORAD KISHAN VALLABHBHAI	KELLEN		Kinyan	Kishen	Kikha	pipher	
10	SARKALE AISHWARYA ASHOK	(ASD)	(A3)	(45)	(AS)	(83)	(AS)	-
11	SHAH KAIWANT ASHOKKUMAR	AR	AR	AB	AB	AB	AG	
12	CHALDRARY ANANDE VIDEWANDHAR	April	Aouds)	A-di-	Acader .	Brudel	Acres 1	
13	KREDASKAR SAHIL VIJAY	Oshil	Solut	Reduit	Balvil	galist	colul	
14	ROKADE MOHIT ARUN	1-1000		Mount	Mant	Mohis	mehit	
15	PATIL BHARGAY RAVINDRA	8.6	60	24	9-0	86	818	
16	CHAUDHARY HIMANSHU ARYIND	AB	AB	AB	PI3	AB	AB	_
17	VARTAK DARSHANA SHRIKANT	DAF	Dav.	BOVE	Sit.	DIV.	Div.	
18	TRIPATHI NIDHI UMASHANKAR	-	Nich	Nich	Nidm	Nidhi	Nide	_
19	RASAL SHEETAL VUAY		Dienter	AB	Sector	Mulas	Sheetas	_
20	RAG BHAYESH JIEVAN KUMAR RAG	Rock	Vasb	Posts	Papp	Root	2000	
21	CHAUS SAOLAIN	-AB	AR	AB	Ab	AB	AB	
22	SHENOY SARASWATI GANESH	88.	88	88	8	85	85	
23	GHARAT SAMIKSRA MORESHWAR	des	Surel	Shore	Same	Sand	23	_
24	KAMBLE ROHINI ANIL	(4A)	COD	(PP).	42)	(KRD)	(KP)	
25	TENDULKAR VINIT NARAYAN	Vind-	Vinit	+B	View	Vivit	VINIT	
26	SONAVANE RAHUL MADHUKAR	(R)	(R)	(80)	0			
27	KAMBLE PRASHISH RAMAN	AA	AB	AG'		(8)	(8)	_
	BHAGAT RAINARAYAN ARJUN	24	25	200	AB	AB	AB	_
29	GUPTA HARSHAD SURESH	Dorte	burnett	homenal			Donal William	
-	MISHRA NITYANAND AVDHESH	3	NA	NM	NM	Manan	Annahar Annahar	
		FOU.	850	and a	Para	Bath	AD CREEK	-
32	RANE MANOI PRAKASH	MO	(MR)	OVID	and	(MR)		-
33	DHAVDEKAR ANKIT NARESH	AB	AB		40		(MB)	
34	PATIL RANJIT SHANKAR	_	20	AB:	20	AB	AB 9D	
35	WANKHEDE SHREYAS SUDHIR	20		98	77	AS,	20	_
36	SONAWANE SAGAR ROHIDAS	5.5	No	855	100	200	100	
37	PADWAL ABRISHEK BABURAO	-	5.5	5.5.	DE	55	55.	
38		A Floor	AND	A. Sket	Awket	A	AP	
39	GALARE AVSUAV GANGER	Auster	project	Buiket	A STATE OF THE PARTY OF THE PAR	Aniket	A3	
-	BHAVEAR AVEUA V AND	alesty	Applied	akithay	attahay	aretro	atehay	
-	BHAVSAR AKSHAY ANII.	AB	AB	AB	AB	BB	AB	
4X)	NAIR JITIN GOVINDANKUTTY	AB	AS	AB	AB	AS	AS	
43)	MPACHYAY ABHISHEK RAVINDRANATH	Aus	Aus	Arus	Aus	Bur	Bus	

AY 2017 -18



VIVA INSTITUTE OF TECHNOLOGY

Computer Engineering Department

Semester: VII Subject-incharge: Natural Language Processing Subject:

	10 7	11/4	12/7	13 5	1 114	1417	Total
MORE SUBODHAN BAPU	Dubador	3411	Junella	Substil	Bridge	Verdelle	
MASAYE JAYESH JANU	dayesh	11 Oyella	and the second		Laver	The second second	
KADU MITESH RAMAN	-		-	4	1	-	
PHADKE AMEYA RAJENDRA	_						
HADGE CHINMAY SHRIKRISHNA				chimy	1		_
GAWADE AMOL VITTHAL	-	-		-			_
BHAMBAD DARSHANA							_
	- TA		-			-	
	7		77	-	14	1	_
	April 10				-25		
	200			-			_
	-	-3-4	1000	1		-	
	The second second	-	81			THE RESERVE OF THE PERSON NAMED IN	
	-		The state of the s		-	THE RESERVE OF THE PERSON NAMED IN	
	-		The second second		-		
	-		ALCOHOL: NAME OF THE PARTY OF T	SP-			
	-	Amaula	- Contract C	Amoula	Amaudo	Arrania	
	-	A.50	A-as	Ap 5~	Aos.	Aos.	
PATIL SHUBHAM SUDHAKAR	_		. An	AB	AB	AB	
GUPTA SHIVAM SURESHCHANDRA	Aug a	Aupto	State	Egupto.	Sport	Southa	
DHANJAL GAGANDEEP SINGH	COD	Cop	AS	(A)	GED	QD	
BAMBARDEKAR SHRIDHAR SANTOSH	SB.	28	28	88	38	98	
YADAV JAY SUNIL	to	A13	AB	AB	AB	AB	
SHEREGAR AMHSHEK SHASHEMAR	A.S.	A. 50	A.So	Antho	Aoso	No San	
GHARAT SAGAR LAXMAN	Sage	gages.	gagoe.	Zagae	Sager	AB	
LAD ABHAY	Abbay	Aphay	Abhay	Abhay	Abhany	Abhay	
JAGTAP SWARANJALY SANDEEP	AB	AB	AB	AG	An	AR	
PAWASKAR ANKITA RAJESH	The second second	R		The second second	THE REAL PROPERTY AND ADDRESS OF THE PERSON NAMED IN COLUMN TWO PERSONS AND ADDRESS OF THE PERSON NAMED IN COLUMN TWO PERSON NAME		
PANJARI VIRAJ		Vagai	The second second	7		//	
PATIL KAUSHIK (-	(40)	-	7777		-	
ISHWALKAR DARSHAN		10	_				_
SAWANT NIKHIL					Married State Control of the Control		
HINDLEKAR SHARDUL		The second second second			THE RESERVE OF THE PERSON NAMED IN		
			-			-	_
				-		The state of the s	_
	1 101 101 1	-		The second second			_
		THE RESERVE AND ADDRESS OF THE PERSON NAMED IN		- 7		_	_
VISHWAKARMA RAVI				THE RESERVE OF THE PERSON NAMED IN		-	_
		HELP		2000	Leep .	ALP.	_
	1986 T	Yes	一段批社	少数位	YACOM-	Year	
ASHTUNKAR VRUSHABH	VA	VA AB	AB	AB	VA	VA	
	KADU MITESH RAMAN PHADKE AMEYA RAJENDRA HADGE CHINMAY SHRIKRISHNA GAWADE AMOL VITTHAL BHAMBAD DARSHANA FALEKAR RUCHITA SAURABH GIRIGOSAVI JADHAN SIDDHIKUMAR PATIL ADITYA NILAM PATIL SANISH TANAJI SHINDE PRIYANKA RAMCHANDRA GAIKWAD SONALI SURESH PAWAR SHRUTI LAXMAN DHUMAL AMRUTA SUNIL SANKHE ANKITA MANOHAR PATIL SHUBHAM SUDHAKAR GUPTA SHIVAM SURESHCHANDRA DHANJAL GAGANDEEP SINGH BAMBARDEKAR SHRIDHAR SANTOSH YADAV JAY SUNIL SHEREGAR ABBISHEK SHASHEDHAR GHARAT SAGAR LAXMAN LAD ABHAY JAGTAP SWARANJALY SANDEEP PAWASKAR ANKITA RAJESH PANJARI VIRAJ PATIL KAUSHIK ISHWALKAR DARSHAN SAWANT NIKHIL HINDLEKAR SHARDUL DESHMUKH SHUBHANGI KARAN RITU SIYARAM KASAR POOJA LAXMAN SHIRSAT KAVITA KISHOR VISHWAKARMA RAVI MISTRY DEEP	PHADKE AMEYA RAJENDRA PHADKE AMEYA RAJENDRA HADGE CHINMAY SHRIKRISHNA GAWADE AMOL VITTHAL BHAMBAD DARSHANA FALEKAR RUCHITA SAURABH GIRIGOSAVI JADHAV SIDDHIKUMAR PATIL SANISH TANAJI SHINDE PRIYANKA RAMCHANDRA GAIKWAD SONALI SURESH PAWAR SHRUTI LAXMAN DHUMAL AMRUTA SUNIL SANKHE ANKITA MANOHAR PATIL SHUBHAM SUDHAKAR GUPTA SHIVAM SURESHCHANDRA DHANJAL GAGANDEEP SINGH BAMBARDEKAR SHRIBBHAR SANTOSH YADAV JAY SUNIL SHREGAR ABIBSHEK SHASHBHAR GHARAT SAGAR LAXMAN LAD ABHAY JAGTAP SWARANJALY SANDEEP PAWASKAR ANKITA RAJESH PANJARI VIRAJ PATIL KAUSHIK ISHWALKAR DARSHAN SAWANT NIKHIL HINDLEKAR SHARDUL DESHMUKH SHUBHANGI KARAN RITU SIYARAM KASAR POOJA LAXMAN SHIRSAT KAVITA KISHOR VISHWAKARMA RAVI MISTRY DEEP	MASAYE JAYESH JANU KADU MITESH RAMAN PHADKE AMEYA RAJENDRA HADGE CHINMAY SHRIKRISHINA GAWADE AMOL VITTHAL BHAMBAD DARSHANA FALEKAR RUCHITA SAURABH GIRIGOSAVI JADHAN SIDDHIKUMAR PATIL SANISH TANAJI SHINDE PRIYANKA RAMCHANDRA GAIKWAD SONALI SURESH PAWAR SHRUTI LAXMAN DHUMAL AMRUTA SUNIL SANKHE ANKITA MANOHAR PATIL SHUBHAM SUDHAKAR GUPTA SHIVAM SURESHCHANDRA DHANJAL GAGANDEEP SINGH HAMBARDEKAR SHRIDHAR SANTOSH YADAV JAY SUNIL SHIREGAR ABHISHEK SHASHEDHAR GILARAT SAGAR LAXMAN LAD ABHAY LAD ABHAY LAD ABHAY LAD ABHAY JAGTAP SWARANJALY SANDEEP PAWASKAR ANKITA RAJESH PANJARI VIRAJ PATIL KAUSHIK ISHWALKAR DARSHAN SAWANT NIKHIL HINDLEKAR SHARBUL DESHMUKH SHUBHANGI KASAR POOJA LAXMAN SHRSAT KAVITA KISHOR VISHWAKARMA RAVI MISTRY DEEP VISHWAKARMA RAVI MISTRY DEEP VISHWAKARMA RAVI MISTRY DEEP MISTRY DEEP MISTRY DEEP MISTRY DEEP MISTRY DEEP MISTRY DEEP MISTRY DEEP MISTRY DEEP MISTRY DEEP MISTRY DEEP MISTRY DEEP MISTRY DEEP	MASAYE JAYESH JANU KADU MITESH RAMAN PHADKE AMEYA RAJENDRA HADGE CHINMAY SHRIKRISHNA GAWADE AMOL VITTHAL BHAMBAD DARSHANA FALIKAR RUCHITA SAURABH GIRIGOSAVI JADHAY SIDDHIKUMAR PATIL SANISH TANAJI SHINDE PRIYANKA RAMCHANDRA GAIKWAD SONALI SURESH SONALI SANKHE ANKITA MANOHAR PATIL SHUHHAM SUDHAKAR GUFTA SHIVAM SURESHCHANDRA DHUMAL AMRUTA SUNIL SANKHE ANKITA MANOHAR PATIL SHUHHAM SUDHAKAR GUFTA SHIVAM SURESHCHANDRA DHANJAL GAGANDEEP SINGH MANBARDEKAR SHEIDHAR SANTOSH YADAV JAY SUNIL SHEREGAR ABHISHEK SHASHEDHAR GHARAT SAGAR LAXMAN LAD ABHIAY JAGTAP SWARANJALY SANDEEP PAWAR SHRITH LAD ABHIAY JAGTAP SWARANJALY SANDEEP PAWAR SARAR DARSHAN ABB ABB ABB ABB ABB ABB ABB	MASAYE JAYESH JANU KADU MITESH RAMAN PHADKE AMEYA RAJENDRA PHADKE AMEYA RAJENDRA IIADGE CHINMAY SHRIKRISHNA GAWADE AMOL VITTHAL BHAMBAD DARSHANA FALEKAR RUCHITA SAURABH GIRGOSAYI JADHAV SIDDHIKUMAR PATIL SANISH TANAJI SANINDE PRIVANKA RAMCHANDRA DHUMAL AMRUTA SUNIL SANKHE ANKITA MANOHAR PATIL SHUBHAM SUDHAKAR GUPTA SHIVAM SURESHI JANU DHANJAL GAGANDEEP SINGH MANBARDEKAR SHEIDHAR SANTOSH YADAV JAY SUNIL MISTRY DEEP MISTRY DEEP AB AB AB AB AB AB AB AB AB A	MASAYE JAYESH JANU KADU MITESH RAMAN PHADKE AMEYA RAJINDRA AB AB AB AB AB AB AB AB AB	MASAYE JAVESH JANU KADU MITESH RAMAN PHADKE AMEYA RAJENDRA LADGE CHINMAY SHRIKRISHINA GAWADE AMOL VITTHAL BHAMBAD DARSHANA FALEKAR RUCHITA SAURABH GIRBOSAVI JADHAY SHDRIKRISHINA PATIL ADITYA NILAM PATIL SANISH TANAJI SHINDE FRIVANSA RAMCHANDRA GAIKWAD SONALI SURESH PAWAR SHRUTI LAXMAN DHUMAL AMRUTA SUNIL SANISHE ANKITA MANOHAR APS PATIL SHUBHAM SUDHAKAR APS PATIL SHUBHAM APS PAS PAS PAS PAS PAS PAS P









INSTITUTE OF TECHNOLOGY

Academic Year 2017-18

Course name: - Learning with Python Duration: - 2nd Jan 2018 to 6th Jan 2018 Venue: - VIVA Institute of Technology

Co-ordinator: - Prof. Vinit Raut

Enrolled students: - 15

Course Objective:-

To create fully functional Python programs

2. To understand user input

To learn about loop structures and conditionals

4. To work with Python file handling

Course Outcomes: -

After successful completion of the course, the students are able to

Describe the basics of the Python programming language

2. Install Python and write first program

3. Use variables to store, retrieve and calculate information

Utilize core programming tools such as functions and loops

Explain the basic principles of Python programming language

Course Schedule: -

Days	Morning Session (9 am to 12 pm)	Afternoon Session (1 pm to 4 pm)
1	Introduction	Install Python and basic python program
2	Basic syntax , variables and strings	Lists, Tuples and Dictionaries. Exercise
3	If-else statements, For loop	While loop, Pass, break and continue Exercise
4	Understanding Functions	File handling – opening and reading
5	Classes and Objects	Exercise Quiz

Report:-

Computer engg. department of VIVA Institute of Technology conducted a course on "Learning with Python" for second and third year students. Total 40 students had been enrolled for this course.





VIVA INSTITUTE OF TECHNOLOGY

This course was conducted by Prof. Vinit Raut in order to provide

basic knowledge of Python programming. This was 30 hrs. certificate course. During the course students learned how to install Python. They learned all the basic of python like variables, lists, strings. Also students study conditional statements and loops. This course also cover functions and file handling.

Students enjoyed the course and completed it successfully.

CO-PO Mapping: -

		_			Prop	ram	Outo	ome	PO	PO	PO	PO
Course	20	PO	PO	PO	PO	PO	PO	PO 8	9	10	11	12
Outcom	PO 1	2	3	4	5	6	-	-	-			-
e	-	-	-		-		-	-	-			-
CO 1	3	-	-	-		-		+	-	-	-	-
CO2	3	-	-		-			+	-		-	-
A STATE OF THE PARTY OF THE PAR			3	-	-	-			-	-	-	-
CO3	-	-	3	2	-	+		-	-		1	1
CO4 CO5		-	-		-	+	70	-	-	-	1	1
CO5	25	3	-	-	-				-		1	4
-	3	3	3	2	-	-		-				

UPC		ication: - Justification
COs	POs	the students will be able to analyse the problem to be
CO1	PO1	Strongly mapped as the students will be able to analyse the problem to be implemented using basics of Python.
CO2	P01	Strongly mapped as the students will be able to identify the technique required to implement the problem.
CO3	P03	required to implement the problem. Slightly mapped as the students will be able to find a solution for the problem identified.
C04	P03	Strongly mapped as the students will be able to find the relevant tools to implement the problem stated.
	PO4	Moderately mapped as the students will be able to mile
C05	PO2	Strongly mapped as the students will be able to develop design methodologies for the system to be developed.

Ashwini Save

HOD, Computer Engg.





Course Name: Learning With Python

Course Duration: 2nd Jan 2018 to 6th Jan 2018

OURS	e Duration:- 2nd Jan 2018 to 6th J				ce Sheet	- 11.6	1-2018	95-0	.2618		Afternoon
		05-0	1.2018	93-0	1-2018	94-0		Morning	Atternoon	Morning Session	Session
	Name of Student	Morning Session	Alternoon Session (1 to 4)	Monting Section (9 to 12)	Attempon Session (1 to 4)	Moming Session (9 to 12)	-	(9 to 12)	Session (1 to 4)	(9 10 12)	Parent.
şr, No.	Constant of the second	(9 to 12)	Take	FLOUR	1213	Works	Home	A	-A-	Herman	A
-	PARAB ADITYA RAVINDRA	Krists	Hatman	Hackey	-A-	- Marani	The second second	HELL	HELL	HERT	· thati
	PATANWALA HAIDER HOZEFA	Home		HELDI.	Health	Hatil	HEAT.	They	Tiland	Cura	
2	PATEL HARDIK MOHAN	Han	HEAL	Chisa	sui ve	anny	(100)	A CONTRACTOR OF THE PARTY OF TH	Local	12000	A 2000
-	PATIL CHRAG PRAKASH	- 1 -	Jan A	4	5000	2000	9.003h	1	Polobo	Food!	Forab
•	PATIL DEVESH ANL	of Brah	2000	Best	Populat	toob	Erenb ((mab)	Washid	62.4.1	- Prok
	PATIL PARESH YASHWANT	Babul	Jene!	Park!	Parket	Leah	Such	1	177	o Sau	o weeks
7	THE THE PASHWANT	15 phil	1	Tule	Schar	-A-	-A-	State	No.	~ and	19 04
0	CHAUREY SUMAS SATYAPRAKASH	the .	- THAN	asi-	W	ad"	-A-	0	- Ant	- Kan	1/2
9	CHAUHAN ARJUN MUNIS	4520 E	7	Long	Lynn	Arm	Asgr	mo	1	J.	to book
10	CHAUHAN ARJUN MUNIS	men	1	1	- A-	Valent	2 teles	2 10	100	S	ES CAN
11	CHAVAN KETAN PRAVINSHAI	Stan	499	Rends	element		7-1-	7211	Will State	110	nd la
12	GAWDE KAUSTUBH SHASHIKANT	market	1		46-7	Para	Page		490	-	1 4 2
	SORAD RAHUL MOHAN	Kgood.	1-Score	1 9000	Hagna	18.	Achies	Arelon	h-A	100	
13		Aulent	Aubauty	Makes	Sushi	Place	ne bus	D-A		-10	100
15	CUPTA AKASH LOKHANDE RUSHIKESH RAJU	Lewhi	Laustre	There	1000	1000	11		-		**

Co ordinator





VIVA Institute of Technology

Approved By AICTE, New Delhi, DTE, Govt. of Maharashtra Affiliated to the University of Mumbai Shirgaon, Virar(E.), Dist: Palghar- 401305, Maharashtra

CERTIFICATE

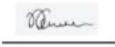
OF PARTICIPATION

This is to certify that ____ADITYA RAVINDRA PARAB

attended a one-week course Program on "Learning with Python" organized by the Computer Engineering Department Of VIVA Institute of Technology from 2nd Jan to 6th Jan 2018.



Prof. Ashwini Save H.O.D

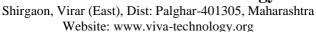


Dr. Arun Kumar Principal





VIVA Institute of Technology





Department of Electronics and Telecommunication Engineering

Name of Course: Nirman-Arduino Workshop

Duration: 30 hours/1 week

Day 1- Embedded System Basic (Working, Input devices & Programming Code):

Session 1: Introduction, Hardware & Basic Programming

- ✓ Introduction to basic of embedded system
- ✓ Introduction & explanation of microcontrollers
- ✓ Explanation of AVR ATMega 328 microcontroller
- ✓ Explanation of Arduino board & programming
- ✓ Basic Arduino based programs for interfacing i/o devices

Session 2:

- ✓ Introduction to output devices interfacing
 - Project 1 : LED blinking
- ✓ Introduction to input devices interfacing
 - Project 2: Push button interfacing
- ✓ Rotary encoder interfacing
 - Project 3 & 4:
 - More LEDS switching sequentially based on encoder input
 - ii. Bar graph sort of LED switching based on encoder input

Quiz

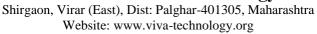
Day 2 - Digital & Analog Input Ouput Devices Interfacing

Session 3: ✓ Explanation for digital input devices





VIVA Institute of Technology





Department of Electronics and Telecommunication Engineering

- ✓ Explanation for analog input devices
- ✓ Introduction to temperature sensor and its working
- ✓ Basic programming for interfacing temperature sensor
 - Project 5 : Temperature sensor using LM35
- ✓ Introduction to relay
- ✓ Basic programming for interfacing relay
 - Project 6: Automatic temperature controller system
 (soldering iron temperature control_simple on/off)

Session 4:

- ✓ Introduction to LDR sensor and its working
- ✓ Basic programming for interfacing LDR sensor
 - **Project 7 :** Light controlled switch
- ✓ Introduction to IR sensor and its working
- ✓ Basic programming for interfacing IR sensor
 - Project 8: Detect presence of object and blink LED accordingly

Quiz

Day 3 - Advance Sensor (Ultrasonic, Hall Effect) and Serial Communication

Session 5:

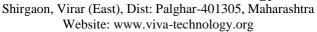
- ✓ Introduction to ultrasonic sensor and its working
- ✓ Basic programming for interfacing of ultrasonic sensor
- ✓ Programming and conversion concept for the measurement
- ✓ Formulas for speed, distance & time for distance measurement using ultrasonic sensor
 - Project 9 : Distance Finder / Range Finder using
 Ultrasonic
- ✓ Explanation of working of stepper motor & motor driver
- ✓ Interfacing of stepper motor with motor driver & basic motor control program
 - **Project 10 :** Stepper Motor Rotation
- ✓ Introduction to Hall Effect sensor and its working



2 B

Late Shri Vishnu Waman Thakur Charitable Trust's

VIVA Institute of Technology





Department of Electronics and Telecommunication Engineering

- ✓ Basic programming for interfacing Hall Effect sensor
 - **Project 11:** Stepper Motor Speed Detection
- Session 6:
- ✓ Introduction to serial communication & its significance in embedded system
- ✓ Explanation of program for establishing serial communication for data transfer between computer & Arduino
 - Project 12: Send temperature data and distance measured by ultrasonic to serial port

Quiz

Day 4 - Visible Output, Keypad

- Session 7:
- ✓ Introduction to a 7-Segment LED display
- ✓ 7-segment LED display interfacing & basic data display program
 - **Project 13 :** Temperature indicator on 7 segment
- ✓ Introduction to LCD (16 X 2) & its working
- ✓ LCD Interfacing & Basic data display program
 - Project 14 : Display temperature on LCD
- Session 8:
- ✓ Introduction to matrix keypad & its working
- ✓ Concept of data line reduction & matrix concept
- ✓ Interfacing LCD & matrix keypad with Arduino
 - Project 15: LCD based GUI for user password registration and monitor

Project 16 Smart Door System

/ Product

Day 5 - Industry 4.0 and Project Guidance

- Session 9:
- ✓ Tips for Project making
- ✓ Steps for designing a project
- ✓ Schematic designing tips









Department of Electronics and Telecommunication Engineering

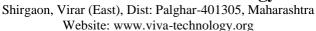
- ✓ Project development phase
- ✓ Project functional block programming & output
- ✓ Doubt discussion
- Session 10:
- ✓ Industry 4.0: The Fourth Industrial Revolution
- ✓ Certificates & Project Letters distribution for competition

Feedback





VIVA Institute of Technology





Department of Electronics and Telecommunication Engineering

Report

Nirman is to nurture and organize the young change makers to solve various societal challenges. It is an educational process to train the students to take up crucial issues and problems in the society. The focus in this course is to enable and equip the students to immediately start building Arduino enabled products. This was a 30hrs/1 week certificate course.

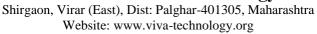
Students understood what an Arduino is and how it works, learned programming concepts using C and C++ along with Arduino specific programming, used a wide variety of hardware and components and prototype projects using a breadboard.

This 5 days Bridge course was conducted by Prof. Nutan Malekar from 4th July 2017 – 8th July 2017 in order to provide basic knowledge to students about an **Arduino** and how it works. It helped students to learn programming concepts using **C** and **C**++ along with Arduino specific programming. The students understood how to use a **wide variety of** hardware and components and prototype projects using a breadboard.





VIVA Institute of Technology





Department of Electronics and Telecommunication Engineering

Course Objectives

Course Objectives

- **♣** To understand what an Arduino is and how it works
- ♣ To learn how to use an Arduino safely
- → To program Arduino using code that have written in the Arduino IDE (Integrated Development Environment)
- ♣ To learn programming concepts using C and C++ along with Arduino specific programming
- ♣ To understand best practice concepts for programming and prototyping
- ♣ To use a wide variety of hardware and components and prototype your projects using a breadboard
- **♣** To build innovative project with Arduino

Course Outcomes:

- > Students will be able to get new product or service ideas by hearing about needs in industry.
- > Students will be able to receive large volumes of usable content within a compressed amount of time.
- > Students will be able to get intensive exposure to a topic through presentations and discussions.
- > Students will be able to achieve confidence and motivation for organising different events that improves the personality of a student.
- > Students will be able to achieve confidence and motivation for participating in different events that improves the personality of a student.
- > Students will be able to develop a connection that might help with future employment.









Department of Electronics and Telecommunication Engineering

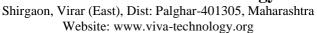
CO-PO MAPPING

Course		Program Outcome										
Outcome	PO 1	PO 2	PO 3	PO 4	P0 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	CO Target level
CO1	2	-	-	-	-	-	-	-	-	-	-	2
CO2	-	2	-	-	-	-	-	-	-	-	-	2
CO3	2	-	-	-	-	2	-	-	-	-	-	2
CO4	2	-	-	-	-	-	-	-	-	1	ı	2
CO5	-	2	-	-	-	-	-	-	-	-	-	2
CO6	-	-	-	-	2	-	-	-	-	ı	1	1.5
	2	2	-	-	2	2	-	-	-	-	1	





VIVA Institute of Technology





Department of Electronics and Telecommunication Engineering

Model Certificate







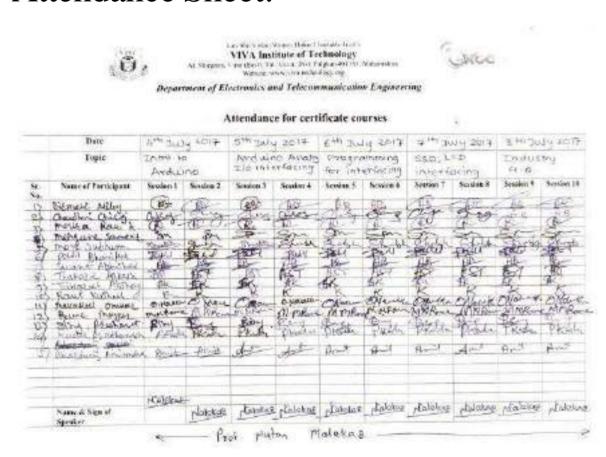
VIVA Institute of Technology



Shirgaon, Virar (East), Dwast: Palghar-401305, Maharashtra Website: www.viva-technology.org

Department of Electronics and Telecommunication Engineering

Attendance Sheet:







VIVA Institute of Technology



Shirgaon, Virar (East), Dwast: Palghar-401305, Maharashtra Website: www.viva-technology.org

Department of Electronics and Telecommunication Engineering

Name of Course: VLSI Design & Embedded Systems

Duration: 30 hours/ 1 week

Date and Day	Time	Contents
	8.30 to 9.30	Breakfast, Regwastration and Inauguration
	9.30 – 11.30	Basics of VLSI and Introduction to Hardware Description Languages
26 December 2017	11.30 - 11.45	Tea Break
	11.45 – 12.45	Behavioral Modeling & Structural Modeling
	12.45-1.30	Lunch Break
	1.30 -4.30	Hands on practice - FPGA board
27 December 2017	9.00-11.00	Introduction to PLDs FPGA design Classification of IC Technologies
	11.00-11.15	Tea Break
27 December 2017	11.15-12.45	CPLD Architecture and 1 specific IC FPGA Architecture and 1 specific IC
	12.45 - 1.30	Lunch Break
	1.30 – 4.00	Testing of Logic circuits Hands on practice – FPGA board
	9.00-11.00	Introduction to Raspberry Pi its features
	11.00-11.15	Tea Break
28 December 2017	11.15-12.45	Basics of programming language use for Raspberry Pi
	12.45 - 1.30	Lunch Break
	1.30 - 4.00	Hands on practice – Raspberry Pi





VIVA Institute of Technology



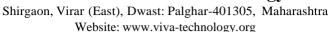
Shirgaon, Virar (East), Dwast: Palghar-401305, Maharashtra Website: www.viva-technology.org

	9.00-11.00	Basics of Embedded systems & recent trend				
	11.00-11.15	Tea Break				
29 December 2017	11.15-12.45	Embedded systems application				
	12.45 - 1.30	Lunch Break				
	1.30 – 4.00	PCB designing using Eagle software				
	9-12.45	Basics of MOS Layout using micro wind software				
30 December 2017	12.45-1.30	Tea Break				
	1.30 - 4.00	Valedictory Session				





VIVA Institute of Technology





Department of Electronics and Telecommunication Engineering

Report

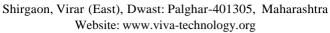
The objective of the Embedded Systems & VLSI Design course was to address the research, development and design problems and advance their solutions in VLSI circuits for embedded system and widespread computing applications. This course provides comprehensive coverage of VLSI Design and its hardware description languages while providing opportunities for Hands-on practical's on FPGA Board & Raspberry Pi.

This program dealt with the basic understanding, designing and simulation of the VHDL and Eagle software which provided practical exposure to the participants. The courseaimed at equipping students with skills and knowledge in order to create a better society by guiding, training and motivating the students to take up research projects. This 5 days Bridgecourse was conducted by **Prof. Pratik Parsewar** from **26**th **December to 30**th **December 2017** in Electronics and Telecommunication Engineering Department, VIVA Institute of Technology.





VIVA Institute of Technology





Department of Electronics and Telecommunication Engineering

Course Objectives

- To get familiarized with VLSI Design using VHDL.
- To learn about recent trends of research in field on Raspberry Pi and VLSI.
- After the completion of this course the participants will be able to design schematic and PCB Layout using Eagle software.
- Enhance the basic knowledge of Embedded Systems technology.

Course Outcomes:

- > Students will be able to get familiarized with VLSI Design using VHDL.
- > Students will be able to learn about recent trends of research in field on Raspberry Pi and VLSI.
- > Students will be able to design schematic and PCB Layout using Eagle software.
- > Students will be able to enhance the basic knowledge of Embedded Systems technology.





VIVA Institute of Technology



Shirgaon, Virar (East), Dwast: Palghar-401305, Maharashtra Website: www.viva-technology.org

Department of Electronics and Telecommunication Engineering

CO-PO MAPPING

Course			Program Outcome									
Outcome	PO 1	PO 2	PO 3	PO 4	P0 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	CO Target level
CO1	2	-	-	-	-	-	-	-	-	-	-	2
CO2	-	2	-	-	-	-	-	-	-	-	-	2
CO3	2	-	-	-	-	2	-	-	-	-	-	2
CO4	2	-	-	-	-	-	-	-	-	-	-	2
CO5	-	2	-	-	-	-	-	-	-	-	-	2
CO6	-	-	-	-	2	-	-	-	-	ı	1	1.5
	2	2	-	-	2	2	-	-	-	-	1	





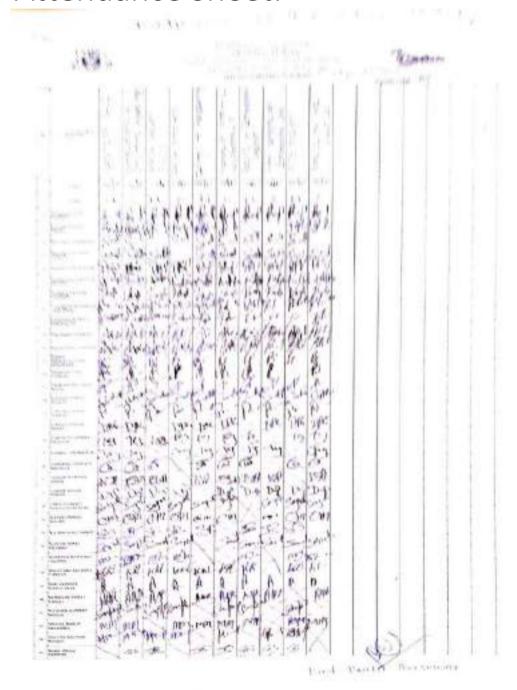
VIVA Institute of Technology



Shirgaon, Virar (East), Dwast: Palghar-401305, Maharashtra Website: www.viva-technology.org

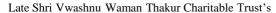
Department of Electronics and Telecommunication Engineering

Attendance Sheet:





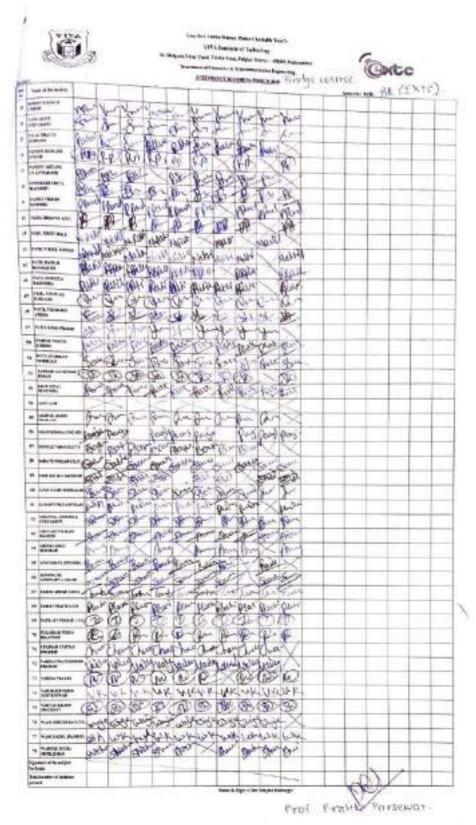




VIVA Institute of Technology



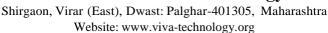
Shirgaon, Virar (East), Dwast: Palghar-401305, Maharashtra Website: www.viva-technology.org







VIVA Institute of Technology





Department of Electronics and Telecommunication Engineering

Model Certificate



Student Certificate:





VIVA Institute of Technology



Shirgaon, Virar (East), Dwast: Palghar-401305, Maharashtra Website: www.viva-technology.org

Department of Electronics and Telecommunication Engineering

Name of Course: Software Workshop Duration: 30 hours

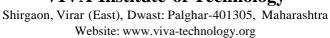
Module	Contents	Hours
	Introduction Introduction to java, java buzzword, data types, dynamic	
	initialization, scope and life time operators, control statements, arrays, type conversion and casting, finals & blank finals.	
	Classes and Objects: Concepts, methods, constructors, usage of static, access	
	control, this key word,	
1	Garbage collection, overloading, parameter passing mechanisms, nested	8
	classes and inner classes.	
	Inheritance: Basic concepts, access specifies, usage of super key word,	
	method overriding, final methods	
	and classes, abstract classes, dynamic method dispatch, Object class.	
	Interfaces: Differences between classes and interfaces, defining an interface,	
	implementing interface,	
	Variables in interface and extending interfaces.	
2	Packages: Creating a Package, setting CLASSPATH, Access control	8
	protection, importing packages. Exception Handling: Concepts of Exception handling, types of exceptions,	
	usage of try, catch, throw, throws	
	and finally keywords, Built-in exceptions, creating own exception sub classes.	
	Strings: Exploring the String class, String buffer class, Command-linear	
	arguments.	
	Library: Date class, Wrapper classes.	
	Multithreading: Concepts of Multithreading, differences between process	
2	and thread, thread life cycle,	0
3	Thread class, Runnable interface, creating multiple threads, Synchronization,	8
	thread priorities, inter	
	Thread communication, daemon threads, and deadlocks.	
	I/O Streams: Streams, Byte streams, Character streams, File class, File	
	streams.	
	Applets : Concepts of Applets, life cycle of an applet, creating applets, passing	
	parameters to applets, accessing remote applet, Color class and Graphics	_
4	Event Handling : Events, Event sources, Event classes, Event Listeners,	6
	Delegation event model, handling	
	events.	







VIVA Institute of Technology





Department of Electronics and Telecommunication Engineering

Report

Duration: 8th Jan 2018 to 9th Apr 2018.

Venue: VIVA Institute Of Technology, Shirgaon.

Electronics & Telecommunication Engineering Department of VIVA Institute of Technology organized a 30 hours' certificate course on "Software Workshop" during 8th Jan 2018 to 9th Apr 2018.

The workshop was basically aimed to provide basic knowledge to second year of semester 4– EXTC students of JAVA language which was conducted by **Mr. Kushal Suvarna sir** as the s peaker who guided the participants.

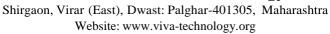
The event was a success with very positive feedback from the participants. The speech by the Principal **Dr. Arun Kumar** was an inspiring one that covered the broad future scopes of the field. The Principal being an encouraging one who said that for such events where in student development is involved, he will always be supportive. In the speech given by **Mrs. Archana Ingle**, H.O.D of EXTC, students gained an idea of how this workshop can be utilized to tak e creative projects in the field of software.

Mr. Kushal Suvarna sir introduced themselves to the participants and enlightened them about the fantastic and intriguing field of **JAVA software** and narrated their various achievements and their future plans.





VIVA Institute of Technology





Department of Electronics and Telecommunication Engineering

Course Objectives

- 1. To understand the basic concepts and fundamentals of platform independent object oriented language.
- 2. To demonstrate skills in writing programs using exception handling techniques and multithreading.
- 3. To understand streams and efficient user interface design techniques.

Course Outcomes:

After successful completion of the course, the students are able to

- ➤ 1. Use the syntax and semantics of java programming language and basic concepts of OOP.
- ➤ 2. Develop reusable programs using the concepts of inheritance, polymorphism, interfaces and packages.
- ➤ 3. Apply the concepts of Multithreading and Exception handling to develop efficient and error free codes.
- ➤ 4. Design event driven GUI and web related applications which mimic the real word scenarios.





VIVA Institute of Technology



Shirgaon, Virar (East), Dwast: Palghar-401305, Maharashtra Website: www.viva-technology.org

Department of Electronics and Telecommunication Engineering

CO-PO MAPPING

Course		Program Outcome										
Outcome	PO 1	PO 2	PO 3	PO 4	P0 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	CO Target level
CO1	2	-	-	-	-	-	-	-	-	-	-	2
CO2	-	2	-	-	-	-	-	-	-	-	-	2
CO3	2	-	-	-	-	2	-	-	-	-	-	2
CO4	2	-	-	-	-	-	-	-	-	-	-	2
	2	2	-	_	2	2	-	-	-	-	-	





VIVA Institute of Technology



Shirgaon, Virar (East), Dwast: Palghar-401305, Maharashtra Website: www.viva-technology.org

Department of Electronics and Telecommunication Engineering

Model Certificate







VIVA Institute of Technology



Shirgaon, Virar (East), Dwast: Palghar-401305, Maharashtra Website: www.viva-technology.org

Department of Electronics and Telecommunication Engineering

Attendance Sheet:





VIVA Institute of Technology



Shirgaon, Virar (East), Dwast: Palghar-401305, Maharashtra Website: www.viva-technology.org



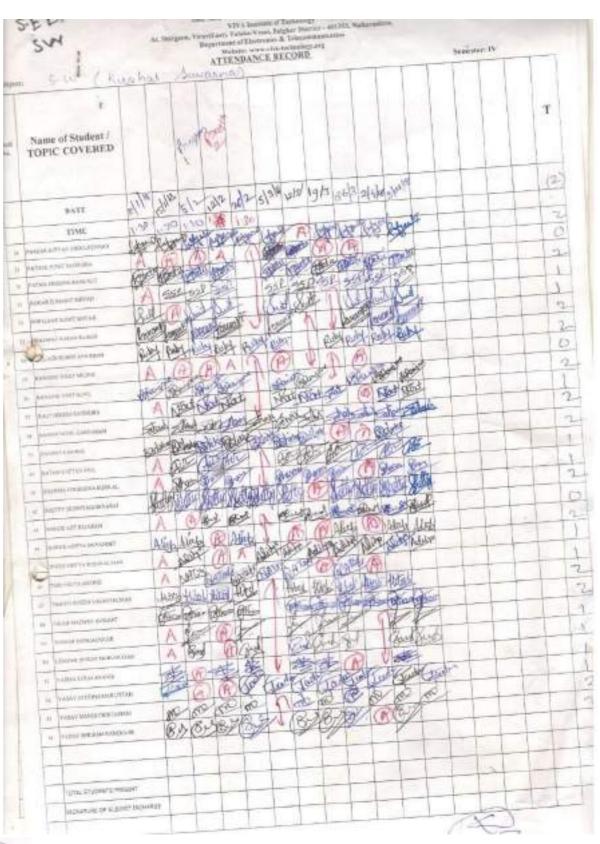




VIVA Institute of Technology



Shirgaon, Virar (East), Dwast: Palghar-401305, Maharashtra Website: www.viva-technology.org



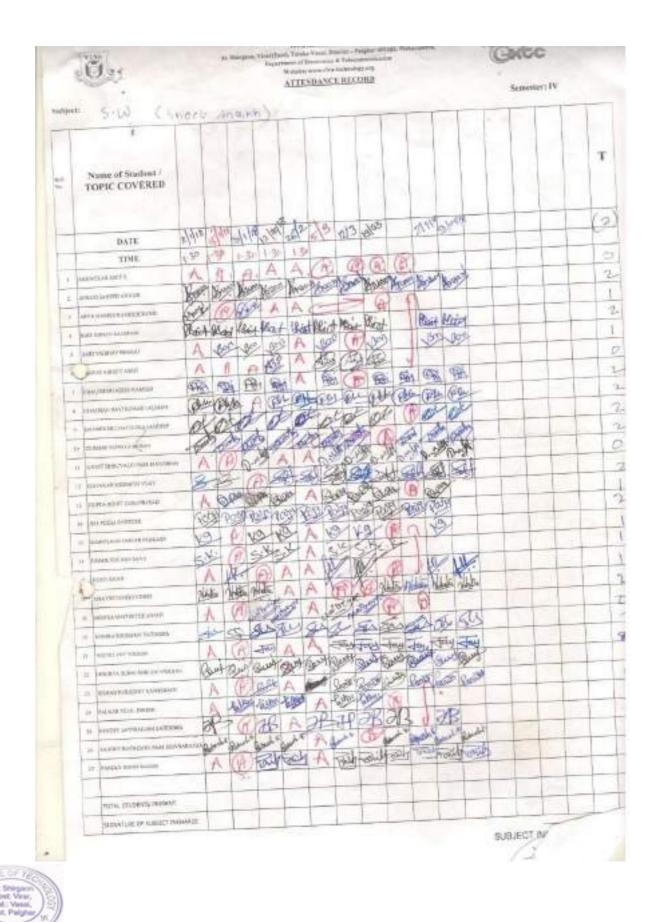




VIVA Institute of Technology



Shirgaon, Virar (East), Dwast: Palghar-401305, Maharashtra Website: www.viva-technology.org



VIVA INSTITUTE OF TECHNOLOGY

SHIRGAON, VIRAR(EAST)

DEPARTMENT OF MECHANICAL ENGINEERING

Late Shree Vishnu Waman Thakur Charitable Trust's

VIVA Institute of Technology

Shirgaon, Virar (E)

Department of Mechanical Engineering

VIVA/VIT/MECH/STUDENT/2017-18

NOTICE

All the shortlisted students of Mechanical Engineering are hereby informed to attend the Value Added Course organized by Department of Mechanical Engineering on the topic of "Advance Solid Works" from 3rd July to 07th July 2017.

Timing:-

1st Session:- 9.00 am - 12. pm

2nd session:- 1.00 pm - 4.00 pm

Venue:- CAD CAM Lab

Prof. Tejas Chaudhari

Faculty Co-ordinator

Prof. Niyati Raut

Date: 30/06/2017

HOD Mechanical



VIVA INSTITUTE OF TECHNOLOGY

SHIRGAON, VIRAR(EAST)

DEPARTMENT OF MECHANICAL ENGINEERING

Syllabus & Course Outcomes

Course Name: Advance Solid Works

Academic Term: July 2017 to Dec 2017

Syllabus:

Module	Details	Hours
	Sketching with SolidWorks: 2D Sketching, sketching entities and	
	relations, 3D Sketching, Editing & its features, Dimensions, Sketch	
	tool, Mirror, Convert entity, Move & Copy	
1	Part Modeling: Extrude and Cut extrude, Revolve and Sweep, View	6
	toolbar, Creating Reference geometries, Fillet and Chamfer, Hole	
	wizard, Calculating weight/mass & other geometric properties, Export	
	/ Import of CAD files.	
	Advanced Part Modeling: Adding ribs and draft, Circular and	
2	rectangular pattern, Shell and Boss feature, Configuration and Design	6
2	Tables, Material Library & Assigning Material, Library Features &	U
	Smart Fasteners, Boolean operations.	
	Assembly Mode: Getting started with Assembly, Inserting	
	components in assembly, Top-Down Assembly, Feature Manager	
	Design tree & Symbols, Hiding components & controlling	
3	transparency, Sub-Assemblies, Using mates in assembly, Use of Smart	6
	Fasteners, Bottom -Up Assembly, Interference detection and	
	misalignment of holes, Exploding assemblies and adding explode	
	lines.	
	Generating detail drawings from Model: Drafting overview,	
	Drawing sheets and views, Adding drawing views, View settings and	
4	drawing properties, Smart Dimensioning, Annotations and Symbols,	6
	Sheet Formats and Templates, Ballooning for nomenclature, Adding	
	Bill of Material and tables.	
	Surface Modeling / Sheet Metal: Introduction to surfacing tools,	
5	Sweep, Loft, Revolve, Offset etc., Filleting and trimming, Utilization	6
	of Sheet Metal & forming tools.	

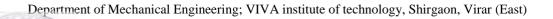
VIVA INSTITUTE OF TECHNOLOGY

SHIRGAON, VIRAR(EAST)

DEPARTMENT OF MECHANICAL ENGINEERING

Course Outcomes

Sr. No.	CO Code	Course Outcomes
1	CO_1	Visualize and prepare 2D & 3D modeling of a given object using solid works software.
2	CO_2	Build solid model of a given object using solid works software.
3	CO_3	Generate assembly models of given objects using assembly tools.
4	CO_4	Perform product data exchange among CAD systems.
5	CO_5	Build solid model of a given object using surface modeling.



Late Sirce Vishna Vishna Warren Charitable Trust's

VIVA Institute of Technology

At. Shirgson, Virar (East), Teluko-Vassi, Palgher District – 401305, Moherashira.

Department of Mechanical Engineering

VALUE ADDED COURSE - ADVANCE SOLID WORKS

Academic Year 2017-18

Course Duration: 3rd July to 7th July 2017

Time: 9.00 sm to 12.00 pm

2723	100 000 100	4	Date						
Sr. No.	Name of Students	Class	03/07/2017	04/07/2017	05/07/2017	017 0607/2017 DOTH DOTH A A A A A A A A A A A A A	07/07/2017		
1	ANSARI ALQAMA MOHAMMADSHARIF HAJRA	SE	Pers.	A	A	ant	ANH		
2	BHOSALE VINAYA VUAY SUMAN	SE	Viscera	A	Victorio	WASHO	Viente		
3	GADA DIPAM BIPIN REKHA	TE	A	A	am	A	Ch		
4	JAISWAL SHAILESH RAM PRAYESH BINDU	TE	TALL	ILL	JASL	A	Tick		
5	NADAR ISAAC AYYADURAI MUTHUPILLAI	TE	A	ANY	ARY	AND	AM		
6	PORIYA KRUSHNA BABULAL MANJULABEN	TE	A	BH	24	RA	BW		
7	SAVE AALAP KISHOR ROHINI	TE	Pove	Some	Sour	Sal	Some		
8	BAMANIA AMISH NARAYANDAS	BE	Blu	age	A	Barr	A		
9	CHHEDA MAYANK HIREN	BE	mas.	·pad	A	A	Ann		
10	HALGUNDE AKSHAY	BE	AWA	A	AM	AM	MAN		
ti.	KADAM ABHISHEK DILIP	BE	Mark	Yeu-	Har	Wall	House		
12	PATIL PRASAD RAMU	88	taew	Cole	Pode	Roce	ter		
13	SABALE ANIKET PRAKASH	BE	Shen	Ch	2m	6	A		
14	SALASKAR GAURAV PRAKASH	BE	gener	A	A	agumu	gem		
15	TAMBE CHINMAY	BE	A-	Em	Em	Con	Kn		

Faculty Co-ordinator (Mechanical Engineering Dept.)

Prof. Niyati Raut HOD (Mechanical Engineering Dept.)



Late Shree Vishna Vishna Warenn Charinable Trusës

VIVA Institute of Technology

At. Shirgson, Virur (East), Tritika-Vanni, Palghar District - 401305, Malianashani,

Department of Mechanical Engineering

VALUE ADDED COURSE - ADVANCE SOLID WORKS

Academie Year : 2017-18

Time: 1.00 pm to 4.00 pm

ourse Dura	grion : 3rd July to 7th July 2017	_		75 5 16	Date		
		Class		04/07/2017	05/07/2017	86/07/2817	07/07/201
Sr. No.	Name of Students	0783,0003	03/07/2017		Ant	And	And
	ANSARI ALQAMA MOHAMMADSHARIF HAJRA	SE	ANY	Anul	A	Purya	图书
1		SE	A	Biro	On	On	0
2	BHOSALE VINAYA VIJAY SUMAN	TE	(e)m	(Om		100 St. 100 P	A
3	GADA DIPAM BIPIN REKHA	TE	THAT	-X	TASL	Office I	AND
4	JAISWAL SHAILESH RAM PRAVESH BINDU	TE	-A	100	Ans-	7	-
5	NADAR ISAAC AYYADURAI MUTHUPILLAI	-	(renunus		(V)	A	Winner.
6	PORIYA KRUSHNA BABULAL MANJULABEN	TE	14	A	Sau	A	Your
7	SAVE AALAP KISHOR ROHINI	TE	Sau	Com-	-	Carone	Bou
	BAMANIA AMISH NARAYANDAS	BE	am	-	A	mes	min
8	CHHEDA MAYANK HIREN	BE	A	Mia	Am	Am	A
9	HALGUNDE AKSHAY	BE	A	Alm	The second second	-	-A
10		BE	Kom	10	0	10	Paul
11	KADAM ABHISHEK DILIP	BE	Your	turo	Year-	tour	
12	PATIL PRASAD RAMU	BE	AS.	A. S.	A. S.	A. S.	A. S.
13	SABALE ANIKET PRAKASH	BE	-	Chu	A	Chn	A
14	SALASKAR GAURAY PRAKASH		She	tan	A	Tehn	600
15	TAMBE CHINMAY	BE	town	1680			

Faculty Co-ordinator (Mechanical Engineering Dept.) Prof. Neati Raut

(Mechanical Engineering Dept.)





VIVA Institute of Technology

Approved by AICTE New Delhi, DTF, Govt. of Maharashtra and Affiliated to University of Mumbai Shirgaon, Virar(E.), Dist. Palghar-401305, Maharashtra

CERTIFICATE

This to certify that Dr. / Mr. / Ms. GADA DIPAM BIPIN REKHA

has attended a Short Term Training Program on "ADVANCE SOLID WORKS" during the period 3rd July - 7th July, 2017 at Department of Mechanical Engineering, VIVA Institute of Technology, Shirgaon, Virar.

Mil

Mr. Tejas Chaudhari (CO-ORDINATOR) MAGUE

Mrs, Niyati Raut (HEAD OF THE DEPARTMENT) Tum

Dr. Arun Kumar (PRINCIPAL)



VIVA INSTITUTE OF TECHNOLOGY

SHIRGAON, VIRAR (EAST)

DEPARTMENT OF MECHANICAL ENGINEERING

Late Shree Vishnu Waman Thakur Charitable Trust's

VIVA Institute of Technology

Shirgaon, Virar (E)

Department of Mechanical Engineering

VIVA/VIT/MECH/STUDENT/2017-18

Date: 29/12/2017

NOTICE

All the shortlisted students of Mechanical Engineering are hereby informed to attend the Value Added Course organized by Department of Mechanical Engineering on the topic of "ANSYS (Engineering Simulation)" from 02nd January to 06th January 2018.

Timing:-

1st Session:- 9.00 am - 12. pm

2nd session:- 1.00 pm - 4.00 pm

Venue:- CAD CAM Lab

Prof. Teiss Chaudhari

Faculty Co-ordinator

Prof. Niyati Raut

HOD Mechanical



VIVA INSTITUTE OF TECHNOLOGY

SHIRGAON, VIRAR (EAST)

DEPARTMENT OF MECHANICAL ENGINEERING Syllabus & Course Outcomes

Course Name: ANSYS (Engineering Simulation)

Academic Term: Jan 2018 to May 2018

Syllabus:

Module	Details	Hours
1	Solid Modeling: An Overview of Solid Modeling Operations, Working with Boolean operations, Working Plane, Importing of 3D models.	4
2	Meshing: Free meshing or Mapped meshing, Setting Element Attributes, Selecting Element Type, Shape Function, DefiningElement Types, Defining Section Properties, Assigning Element Attributes before meshing, Mesh Controls, The ANSYS Mesh Tool, Smart sizing, Meshing, Free Meshing, Mapped Meshing, Hybrid meshing, Mesh Extrusion, Volume Sweeping.	8
3	Boundary Conditions: Types of Loads, Applying loads. Solvers: Types of Solvers, Solver Setup, Load Step Options, Solving Multiple Load Steps.	6
4	Tips & Tricks: Using the Toolbar & Creating Abbreviations, Introduction to APDL, Using Parameters, Using the Start File, Using the Session Editor, Using Input Files.	4
5	ANSYS Workbench: Introduction to ANSYS Workbench, Graphical User Interface, Static Structural Analysis, Modal Analysis, Thermal Analysis, Contact Recognition.	8

 $Department\ of\ Mechanical\ Engineering;\ VIVA\ institute\ of\ technology,\ Shirgaon,\ Virar\ (East)$



VIVA INSTITUTE OF TECHNOLOGY

SHIRGAON, VIRAR (EAST)

DEPARTMENT OF MECHANICAL ENGINEERING

Course Outcomes

Sr. No.	CO Code	Course Outcomes
1	CO_1	Apply basic aspects of Analysis to solve engineering problems.
2	CO_2	Select suitable meshing and perform convergence test.
3	CO_3	Apply basic aspects to solve engineering problems.
4	CO_4	Perform basics tricks and tips to solve engineering problems.
5	CO_5	Interpret the result.

Late Shree Vishou Vishou Warran Chartsble Trucks

VIVA Institute of Technology

At Shirgian, Vimr (East), Taluko-Vasai, Palghar District – 401303, Mahanishira Department of Mechanical Engineering

VALUE ADDED COURSE - ANSYS (Engineering Simulation)

Academic Year 2017-18

Course Duration : 2nd Jan to 6th Jan 2018

Time: 9.00 am to 12.00 pm

Sr. No.	Name of Students		Date						
31,110,	name of Students	Class	02/01/2018	03/01/2018	04/01/2018	05/91/2018	06/01/2018		
-1	GHARAT VARUN RAVINDRA SAROJ	SE	DE	000-	Does	Ma	è-		
2	HASE NIKHIL BALASAHEB PRATIBHA	SE	ALKER	- Day	alchy	mus	AM		
3	PATIL NIHAR AJAY ARCHANA	SE	A	Nie	A	Nime	A		
4	DALBANIAN PUSHPAK GOPAL SHOBHA	TE	A -	GOPPL	GOLDE	GORAL	3014		
5	KADAM GANESH BALASAHEB SEEMA	TE	@	@	A	@	@		
6	KOLHE ANIKET KERUBHAU MEERA	TE	Anti	Hazer	A	A-	Avet		
7	GADA DIPAM BIPIN REKHA	TE	Oim.	Quena.	Dipon	A	Copun		
1	JAISWAL SHAILESH RAM PRAVESH BINDU	TE	JASA	A	JASK	TAL	Toul		
9	AWERE SURAJ SURESH	86	Quet-	- curry	curry_	Surg	graph.		
10	BEHERE GAJANAN PRAMOD	BE	and	024	Carry.	0	A		
11	CHINDARKAR GAYENDRA VASUDEV	BE	WASH	WAR ON	A	whom -	A		
12	MADAY MITESH	BE	A	00	A	me	ma-		
13	DEVKATE NISHANT RAJARAM	DE	A-	ATTALL	ATHOU	AND THE	ATHE		
14	GHOSH PUUSH SARIT	BE	PI.	PI.	II.	P.T.	PI		
15	RAUT SHREYANK PRAKASH	BE	SL	Sh	5h	Sh	SK		
16	SAWANT SHUBHAM RAVINDRA	BE	Shiller	A	subh	shubh	A		
17	NAIK AKHIL SADANAND	38	Audie	Alexin	Juhie .	AREA	Andria		
18	SUTHAR VIKESH KIRITBHAI	BE	WHEST	U best	A	A	trace.		

Prof. Telas Chaudhari Faculty Co-ordinator

(Mechanical Engineering Dept.)

Prof. Nyati Raut H O D

(Mechanical Engineering Dept.)



Late Street Violenz Violeto Warran Charstable Trust's

VIVA Institute of Technology

At Shorpers, Viror (East) Taluka-Vasas, Prigter District - 401301, Malarashtts

Department of Mechanical Engineering

VALUE ADDED COURSE - ANSYS (Engineering Simulation)

Academic Year 2017-18

Course Duration | 2nd Jan to 6th Jan 2018

Time: 1.00 per to 4.00 pm

Sr. No.	Name of Students	Class	Date				
31. 190.			62/91/2019	03/01/2018	64/01/2978	05/01/2018	96/01/2019
1	GHARAT VARUN RAVINDRA SARGE	SE	DOR-	me_	Me.	ac.	Je.
2	HASE NIKHII. BALASAHEB PRATIBISA	51	A	antry	-ALLAS	-aires	ALLA
1	PATE NIHAR AJAY ARCHANA	54	A-	Vien	A	A	1
4	DALBANJAN PUSHPAK GOPAL SHORKA	п	GOPAL	Gotte	GOPPE	Golfe	Guipe
5	KADAM GANESH BALASAHEB SEEMA	п	6	Q	Q .	(Ca	6
	KOLDE ANIKET KERUTHAU MEERA	TI.	ANT	A-ort	AUTT	ALVINT	ALT.
,	GADA DIPAM BIPIN REKHA	п	Boom	A	A	A	O BEA
	JAIS WAL SHAILESH KAM PRAYESH BINDU	π	JAN	A	100	JAM	JA
	AWERE SURAI SURESH	DE	2000	A-	Surge	800	4
19	BIEHERE GAJANAN PRAMOD	m	Gara	-	Cys	(0)	(Du
- 11	CHINDARKAR GAYENDRA VASUDEV	DE	1	- VAL	- M29-	^	100
17	MADAY MITESH	Dit	A-	wo	ma	A-	Co-O
11	DEVEATE NISHANT RAJARAM	01	DHU	DAM	OHA-	Dim	
14	GHOSH PUUSH SARIT	Dt.	PJ.	PJ.	PI.	P.J.	P.J.
13	RAUT SHREYANK PRAKASH	DE	8h.	1-	Sh	Sh	Shull
16	SAWANT SHUBBIAM PAVINDRA	DE	Shutt	Suph	Shubs	shull	1
17	NAIK AKHIL BADANAND	BE	Meler	AKAL	Whit-	11165	المنالال
18	SUTERAR VILLENI KIRITRIKAI	- DL	440	MARKE	#	24	340

Prof. Tejn Claudhari Facally Coverdence (Machanical Engineering Dept.)

Prof. Nighti Raut 16 O D (Mechanical Engineering Dept.)

At Streepenn Prost Vese, Tal. Veses, Ott. Palgher 19



VIVA Institute of Technology

Approved by AICTE New Delhi, DTE, Govt. of Maharashtra and Affiliated to University of Mumbai Shirgaon, Virar(E.), Dist: Palghar-401305, Maharashtra

CERTIFICATE

This to certify that Dr. / Mr. / Ms. ____JAISWAL SHAILESH RAM PRAVESH BINDU has attended a Short Term Training Program on "ANSYS (Engineering Simulation)" during the period 2nd Jan - 6th Jan, 2018 at Department of Mechanical Engineering, VIVA Institute of Technology, Shirgaon, Virar.

Red

Mr. Tejas Chaudhari (CO-ORDINATOR) MAGUE

Mrs. Niyati Raut (HEAD OF THE DEPARTMENT) Tum

Dr. Arun Kumar (PRINCIPAL)



VIVA INSTITUTE OF TECHNOLOGY

SHIRGAON, VIRAR (EAST)

DEPARTMENT OF MECHANICAL ENGINEERING

Late Shree Vishnu Waman Thakur Charitable Trust's

VIVA Institute of Technology

Shirgaon, Virar (E)

Department of Mechanical Engineering

VIVA/VIT/MECH/STUDENT/2017-18

Date: 29/12/2017

NOTICE

All the shortlisted students of B.E. Mechanical Engineering are hereby informed to attend the Value Added Course organized by Department of Mechanical Engineering on the topic of "Introduction to Ultrasonic Non Destructive Testing (UT) Method" from 02nd January to 06th January 2018.

Timing:-

1st Session:- 9.00 am - 12.00 pm

2nd session:- 1.00 pm - 4.00 pm

Venue:- CAD CAM Lab

Prof. Tejas Chaudhari

Faculty Co-ordinator

Prof. Niyati Raut

HOD Mechanical



VIVA INSTITUTE OF TECHNOLOGY

SHIRGAON, VIRAR (EAST)

DEPARTMENT OF MECHANICAL ENGINEERING Syllabus & Course Outcomes

Course Name: Introduction to Ultrasonic Non Destructive Testing (UT) Method

Academic Year: 2017-18

Syllabus:

MODULE	DETAILS	HOURS
	Module 1: Basic Principles of Non-Destructive Testing	
	Definition and importance of NDT	
	Types of NDT methods	
	Visual testing (VT)	
1	Liquid penetrant testing (PT)	5
1	Magnetic particle testing (MT)	5
	Eddy current testing (ET)	
	Radiographic testing method (RT)	
	Ultrasonic testing (UT)	
	Comparison of different NDT methods	
	Module 2: Basic Ultrasonic Testing	
2	Advantages of Ultrasonic Tests	4
2	Limitations of Ultrasonic Tests	4
	Criteria for Successful Testing	
	Module 3: Ultrasonic Waves in Materials	
3	Definition of Wave and Wave Properties	5
3	Ultrasonic Attenuation	5
	Nonlinear Elastic Waves	
	Module 4: Implementation of Ultrasonic Testing	
	Transmission and Reflection Techniques	
	Ultrasonic Test Systems	
4	Ultrasonic Sources Typical Transducer Characteristics	8
	Through-Transmission Systems	
	Pitch and Catch Contact Testing	
	Amplitude and Transit Time Systems	

VIVA INSTITUTE OF TECHNOLOGY

SHIRGAON, VIRAR (EAST)

DEPARTMENT OF MECHANICAL ENGINEERING

	B-Scan Presentation	
	C-Scan Presentation	
	System Calibration	
	Major System Parameters	
	Module 5: Ultrasonic Testing Equipment	
	Basic Ultrasonic Test Systems	
	Portable Instruments	
5	Capabilities of General Purpose Ultrasonic Test Equipment	8
	Modular Ultrasonic Equipment	
	Special Purpose Ultrasonic Equipment	
	Operation in Large Testing Systems	

Course Outcomes:

SR. NO.	CODE	COURSE OUTCOMES
1	CO_1	Apply basic aspects of Inspection to solve engineering problems.
2	CO_2	Understand the basic concept of Ultrasonic Testing.
3	CO_3	Identify the various Ultrasonic Waves in Materials.
4	CO_4	Understand an implementation of Ultrasonic Testing.
5	CO_5	Understand the concept of Ultrasonic Testing Equipment.

VIVA Institute of Technology

At. Shingson, Virar (East), Talukin-Vosai, Palghai Distinct - 401305, Maharashina.

Department of Mechanical Engineering

VALUE ADDED COURSE - Introduction to Ultrasonic Non Destructive Testing (UT) Method

Academic Year 2017-18

Course Duration : Ind Jan to 6th Jan 2018

Time: 9,00 am to 12,00 pm

			Date				
Sr. No.	Name of Students	Class	02/01/2018	03/01/2018	94/01/2018	05/01/2018	04/01/201
1	BHCIR MITHILESH D	8E	MBN=	AB	mBr=	178hz	TBIS
2	BHOLE AISHWARYA RAJENORA	8E	Blow	Blu	Idan	Ber	Bur
3	CHAVAN GAURAV SHASHIKANT	86	GOUVEN	Gawor	Gawal	Jugaroy	Given
A	CHHEDA DEEP HITEN	36	Dod	ang	AB	dop	Post
3	DHOLE VISHAL SURESH	BE	13.	De.	2	SP.	50
6	GADE RUPAL TUKARAM	HE	AB	Bule	(Rock	(Bole	Photo
7	GADE SACHIN B	DE	Cour	Coulin	South	action	Sucha
8	GAIK WAD HRISHIKESH ROHIDAS	BE	4	CH	CA	AB	(th)
9	GURAY MAHADEO	8E	(nb)	m.	(mb)	Co	COA
10	JADHAV SWAPNIL MARENDRA	BE	July	Tolke	South	Sollie	AB
31	JAIN HARSHAD GANESH	BE	"Fluin	The	Twin	Hun	Hom
12	JAMBHALE CHINMAY SANJAY	86	a	08	Œ.	1	(I
13	KALAMBE NEHA	8E	Deulen.	Kalend		Newborks	TKulon
14	KALE ABHIJIT MANOJ	8E	pala	Role	AB	dule	Kale
15	KANNAUJIVA SANJAY ACHHELAL	BE.	SanJe	Sutty	Suty	Southey	Justy
16	MORE DNY ANESHWAR	8E	90	M	Son	En)	NO.
17:	MORE SANYOG UDAY	8E	1	(SD)	100	1	10
18	NAVEE HITESH KANUBHAI	96	Hitech	HITEL	T-12-17-17-17-17-17-17-17-17-17-17-17-17-17-	AB	HITES
19	PARTH PABARI	BE	8	Person	Path	Auth	Parth
20	PATIL PRATIK MAHENDRA	BE	Gabi	grand	(Dech)	Patil	1
21	PATIL SANDESH H	BE	Robit	AB	9	Devil)	4
22	PATIL SANKET JAVANTA	BE	Ludi	Potil	toul -	1	7
20	SANKHE MAYURESH DINESH	.045	603	923	. 93	. 783	ens.
24	SARAK MAHESH LALASO	BE	1400	HOSE	AB	HAR!	ARQ.
25	SINGH DIVYANSH VIRENDRA	BE	2	200	B	$\mathcal{B}_{\mathcal{A}}$	THE OWNER OF THE OWNER OWNER OF THE OWNER OW
26	SINGH PAWAN DIWAN	BE	#	#	15	#	1
27	WADKAR ANURAG NARAYAN	BE	Am.w	AIN.W	AINI	The second second second second	HW.W
28	WANI ABHISHEK BALASAHEB	BE	MAGE	MB	when	up-	MAN
29	YADAV HARIKESH CHHATRADHARI	BE	Humi	Hon	Homi	Hami	Hom
30	YADAV SUJEETKUMAR	DE	89.	59.	Se	Sy	AB

Prof. Total Chaudhari Faculty Co-ordinator (Mechanical Engineering Dept.) Prof Najati Raut H.O.D (Mechanical Engineering Dept.)



VIVA Institute of Technology

As Shirgaon, Virar (East), Taluka-Vosai, Poligiur District - 401305, Maharashira.

Department of Mechanical Engineering

VALUE ADDED COURSE - Introduction to Ultrasonic Non Destructive Testing (UT) Method

Academic Year : 2017-18

Course Duration ; 2nd Jan to 6th Jan 2018

Time: 1.00 pm to 4.00 pm

	Name of Students	CI CONTRACTOR	Date				
Sr. No.		Class	02/01/2018	03/01/2018	04/01/2018	05/01/2018	06/01/201
1	BHOIR MITHILESH D	DE	PBhom	AB	mB+=	Men	MH=
2	BHOLE AISHWARYA RAJENDRA	BE	Blue	Bhile	Dole	Bhile	Bhur
3	CHAVAN GAURAV SHASHIKANT	30	Gouras	Bourne	Bourn	Gours	
4	CHHEDA DEEP HITEN	BE	Doch	Deep	AB	Sterl.	Doel
5	DHOLE VISHAL SURESH	38	0	(1)	S	4	5
0	GADE RUPAL TUKARAM	BE	AB	(Roke	Ducke	Pools	(flesh
7	GADE SACHIN B	BE	Coult	South	Suchin	Suchin	Sulve
8	GAIKWAD HRISHIKESH ROHIDAS	BE	Ch	AH .	CH	AB	1
9	GURAV MAHADEO	BE	(0)	(M)	(O)	0	1
10	JADHAY SWAPNIL MAHENDRA	BE	Sunter	Lection	Suther	Jodhu.	Jollar
11	JAIN HARSHAD GANESH	BE	Hom-	Tun-	Tuen.	AB	Horm
12	JAMBHALE CHINMAY SANJAY	BE	1	(F)	OZ.	(B)	(F)
13	KALAMBE NEHA	B£	Modernic	Prolant	Maluk	Hobot	Hed
14	KALE ABHUIT MANOJ	BE	Kake	Kale	AB	flore	peare
15	KANNAUJIYA SANJAY ACHHELAL	BE	Control	Sentis	Somtof	Sold	Sondo
16	MORE DNYANESHWAR	38	AB .	TID	E AB		IN
17	MORE SANYOG UDAY	38	100	_20		ARD .	100
18	NAYEE HITESH KANUBHAI	BE	Hitesh	Hitch	Hitech	AB	HHES
19	PARTI4 PABARI	BE	Penth	- Parti	Forth,	Poth	fauth
30	PATIL PRATIK MAHENDRA	BE	AB	Patil	PAH	CELL	9/14
21	PATIL SANDESH H	BE	Seedil	Vertil.	Sorti	Butil	(Sed)
22	PATIL SANKET JAYANTA	BE _	-	THE W	1	# il	1
23	SANKHE MAYURESH DINESH	BE	9	199	By	820	3
24	SARAK MAHESH LALASO	DE	7-1621	Hidai	AB	Heal	445
25	SINGH DIVYANSH VIRENDRA	38	78	B	B	38	38
26	SINGH PAWAN DIWAN	BE	#	-	+	#	#
27	WADKAR ANURAG NARAYAN	BE	A.N.W	A.N.W		AN.W	MAH
28	WANI ABHISHEK BALASAHEB	BE	wan	AB.	WHIT	mon	WAR
29	YADAV HARIKESH CHHATRADHARI	BE	Horri	Havi	Hon	Hori	Ham
30	YADAV SUJEETKUMAR	BE	54.	SY.	Sy	59.	AB .

Prof. Tejas Chaudhari Faculty Co-ordinator (Mechanical Engineering Dept.)

Prof. Neati Rout

(Mechanical Engineering Dept.)



VIVA Institute of Technology

Approved by AICTE New Delhi, DTE, Govt. of Maharashtra and Affiliated to University of Mumbai

Shirgaon, Virar(E.), Dist: Palghar-401305, Maharashtra

CERTIFICATE

This to certify that Dr. / Mr. / Ms. PATIL PRATIK MAHENDRA

has attended a Short Term Training Program on "Introduction to Ultrasonic Non Destructive Testing (UT) Method" during the period 02nd Jan to 06th Jan, 2018 at Department of Mechanical Engineering, VIVA Institute of Technology, Shirgaon, Virar.

Phaudharn

Mr. Tejas Chaudhari (CO-ORDINATOR) Mrs. Niyati Raut
(HEAD OF THE DEPARTMENT)

Dr. Arun Kumar (PRINCIPAL)



VALUE ADDED COURSE

Name of Course:	Electrical Safety Practices	Branch:	Electrical Engineering
Duration:	30 Hours	Coordinator:	Prof. Piyali Mondal
Date of Commencement:	4 Jul 2017	Date of Conclusion:	4 Oct 2017

	Course Outcomes				
Upon suc	Upon successful completion of the course, the student must be able to				
CO1	Understand the Indian power sector organization and Electricity rules, electrical safety in residential, commercial, agriculture, hazardous areas and use of fire extinguishers.				
CO2	Outline the electrical safety during installation, testing, and commissioning procedures.				
CO3	Make use of specifications of electrical plants and classification of safety equipment for various hazardous locations.				
CO4	Distinguish various fire extinguishers and their classification.				

Syllabus					
Unit No.	Contents				
1	Introduction To Electrical Safety, Shocks And Their Prevention: Term and definitions, objectives of safety and security measures, Hazards associated with electric current and voltage, who is exposed, principles of electrical safety, Approach to prevent Accidents, the scope of subject electrical safety. Primary and secondary electrical shocks, possibilities of getting an electrical shock and its severity, medical analysis of electric shocks and its effects, shocks due to flash/ Spark over's, prevention of shocks, safety precautions against contact shocks, flash shocks, burns, residential buildings, and shop.	6			
2	Overview of the Safety Model: Wiring and fitting, Domestic appliances, water tap giving a shock, shock from the wet wall, fan firing shock, multi-storied building, Temporary installations, Agricultural pump installation, Do's and Don'ts for safety in the use of domestic electrical appliances.	6			
3	Electrical Hazards recognizing and Evaluating Preliminary preparations, safe sequence, the risk of plant and equipment, safety documentation, field quality, and safety, personal protective equipment, safety clearance notice, safety precautions, safeguards for operators, safety.	6			
At Strepans Post Visus	Controlling Hazards: Safe Work Environment: Hazardous zones, class 0, 1 and 2, spark, flashovers, and corona discharge and functional requirements, Specifications of electrical plants, equipment for hazardous	6			

	locations, Classification of equipment enclosure for various hazardous gases and vapors, classification of equipment/enclosure for hazardous locations.	
5	Controlling Hazards: Safe Work Practices: Fundamentals of fire, initiation of fires, types; extinguishing techniques, prevention of fire, types of fire extinguishers, fire detection and alarm system; CO ₂ and Halogen gas schemes; foam schemes, Ladder safety fact sheet, Avoid wet working conditions and other dangers, Avoid overhead powerlines	6

Learning Resources

Text Books:

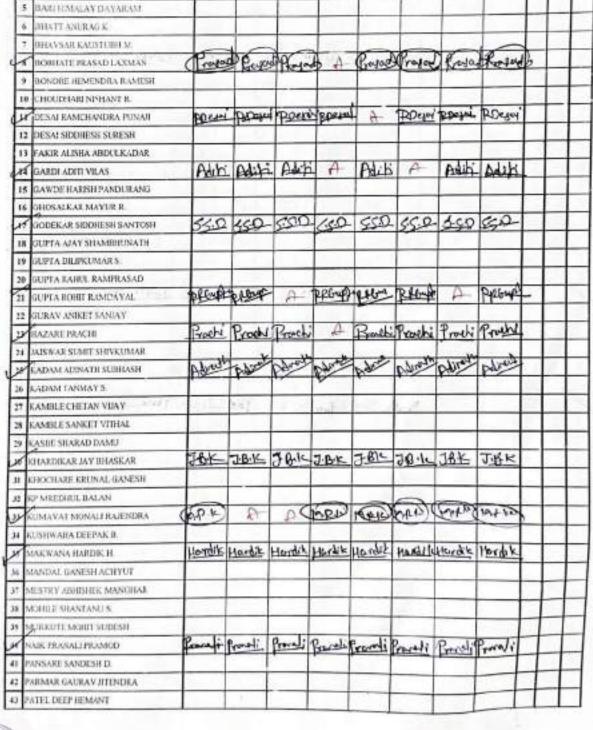
1. Rao, S. and Saluja, H.L., "Electrical Safety, Fire Safety Engineering and Safety Management", Khanna Publishers, 1988.

Reference Books:

- 1. Cooper. W.F, "Electrical safety Engineering", Newnes-Butterworth Company, 1978.
- 2. John Codick, "Electrical safety handbook", McGraw Hill Inc., New Delhi, 2000.
- 3. Nagrath, I.J., and Kothari, D.P., "Power System Engineering", Tata McGraw Hill, 1998.
- 4. Wadhwa, C.L., "Electric Power Systems", New Age International, 2004.



VIVA Institute of Technology, Virar
SUBJECT: Electrical Gardy Praviles (ESP) T.E. ELECTRICAL (2017-2018)
SUBJECT INCHARGE: Pryac Mandel 4Ant 5:Ant 6:Ant 4:Ant 12/201 13:Ant 18:Ant 14:Ant STOR STOR STORE ST AMBRITTE SNERAL MARTESH ASODARLY A JAYDEEP'S Atom Atom AKAM AND AND PHIM AHMY A BAGUL AKSHAY VILAS BARAT DIPAE NAVASHA BARLINMALAY DAYARAM DIRATT ANURAG K OHEAVSAR KAUSTLINE M Propos Cornel Royal A Royal Propos Consthony BOBLATE PRASAD LAXMAN RONDRE HENENDRA BAMEST CHOUDHARI NISHANT R. Popular Popular Popular DOCTO DOCTO DOCTO BOSTON A IDESAL RAMCHANDRA PUNATI DESA! SIDDHESS SURESH FAKIR ALISHA ABDULKADAR Addit Addit Addit A PALIS A Asih Adih GARDI ADITI VILAS GAWDE HARBH PANDULANG GHOSALKAR MAYUR R 550 KGO GOD KGO SCO KGO KGO GODEKAR SIDDHESH SANTOSH GUPTA AJAY SHAMBUUNATH GUPTA DILIPKUMAR S GUPTA RANUE RAMPRASAD





-	PATIL SAURABH R		-								
15	PATIL TRUPAL BROGWAN		_								+
16	PAWAR MAYUR BADUSING		-			-					+
17	AAI SUMIT SUNIL										+
48	RANE ABHISHEK KRISHNA									-	+
19.	RAUT NIMISH ANII.								-		+
50	RAYANI SHAILESHKUMAR H			17.1		1. 1.				-	+
51	SALMANI INTEZAR ALT L.								_	-	+
52	SALVE PRANTE ASTION	150		C. W.		1.16					+
53	SAPKALE PRITESHE									-	+
54	CAWANT SEDDIES-LTUKARAM									-	+
55	SHAH KINDAL HASHMIKANT									-	+
56.	SHAIKH REHAN MOHD F							_	-	_	+
50	SINGH DETPAKAL	Sink	DIA	Bron.	Drigh	Dir.	Direct	Diver	Drivar		+
58	SINGH DIBESH DHANASTAY				7272701		See Francis			-	+
59	SINGH OMPRAKASH RANIEET										+
60	TAMORE HIMANSHU /	100	of the	12	Contract lines	CE I					4
61	TAMORE KALPESH HEMANT									_	+
62	TAMORE SUMIT SANDEEP										+
63	TANK KINIAL NAVIN				11.3	11	100			-	+
64	TEFAM VIKRANT MANGESH									-	+
65	TELI SWAPNIL NANDKISHOR		123							-	+
66	UPADHYAY ROHAN ARVIND	121	-	25		0.5				-	+
67	VAIDYA RAHUL RAJAN								1		+
68	VAYADA ANKITA RAMU										+
69	WADE RUPAL DINESII			I DAS			A		FT 1		+
70	WALAJAY ARUN	Tirdo.	Joola	Jeels	D-7	Jus	Jeel	- امس	JUSEN	-	-
71	WATUMBARE ASSITTOSH		10000				1000			-	+
72	YADAV AKASH RAIMANI	1	9	1	- 14					-	+
73	YZDAV RAHUL HIRALAL	16									+
74	ZANJE SHUBHAM MADHUKAR	2	10	10.1		CI I	40			-	+
75	70 MAL RISHIKESH DATTA							0 . 15	0	-	+
21	MADITE PRATHAMESH P.	Peaks	Posts	Par	8	Freedy	Prostta	Pauls	ed h	-	+
	NO OF STUDENTS PRESENT										

Purondal



VIVA Institute of Technology, Virar T.E. ELECTRICAL (2017-2018)

SUBJECT: ______SUBJECT INCHARGE: ___

H.	Name	10.A7	7 M/A/	17 PL AT	7 九月 47	17 1/8/1	7 2/81	1 3/8/1	1 8 1817	P	C	
No.	Tine						1					L
1	AMBHURE SNEHAL MAHESH	50	A A	CHA	N TOU	2 4	. CF9.6	S.m.J	Jes C			
1	ASCODARIYA JAYDEEP K			13.00		7	The State of the					L
3	BAGUL AKSHAY VILAS	Ata	MAH	1 NOA	A	Att	1 DHA	1 0	Alshy			L
+	BARGET DIPAG NAVASHA	1	1									L
5.	BARGHIMALAY DAY/JIDAN											L
4	BRATE ANDRAGK		3									L
7	THAYSAR CAUSTURN 54	_	_		-							
8	DOBBATTI PRASAD LAŽIMAN	Provide	1000	A	Pento	d Proper	A Proje	Presa	Project.			L
9	BONDRE HEMENDIKA IKAMESH		7									
10	CHOUDHURI NERGANT II.	1				A Source			5			
11	DESAFRANCHANDRA PUNAJI	p.Oose	A	Boche	Poes	J Book	Boen	Bound	. A			
12	DESAFSIDORESH SURESH		11/1		1000						1	
13	FAKIR ALISHA ABDULKADAR	1 30		1000		2		1	Total L	1		
14	GARDI ADITI VILAS	Adin	en-	Adeb	A	Pair	ALAIN.	Addi	Adrik			
15	GAWDE HARISH PANDURANG	1	No.	1		1						
16	GHOSALKAIL MAYUR R	18			drossy	9	- 50	1 9				
7	GODEKAR SIDDHESH SANTOSH	55.0	150	SISA	3500	5:0	5600-	550	A			
8	GUPTA AJAY SHAMBIIUNATEI	Map	AGUA	Phop	Port	AGLA	Acrop	Dough	Acres			
9 (GUPTA DILIPKUMAR S.	E 5-2			1		1 33					
0 0	SUPTA RAHUL RAMPRASAD	PRCHA	"RHOW!	10	Perup	10	RHOW	PELOT	PHYMA	-		
1 6	ZUPTA ROHIT RAMDAYAL	22/100		History	1	1.01-0						
2 0	RURAY ANIKET SANJAY				U				Cas 1			
3 11	IAZARE PRACIII	4	Prochi	Prochi	Proch	frochi	Prachi	Proch'	Proch			
1 27	AISWAR SUMIT SHIVKUMAR.		No. of Contract	A SUN COURT		100		Anonsone.				
5 K	ADAM ADINATH SUBHASH	Adiron	Dynay	1-1	Egion	Palent	Policy	Dynam	Nim			
12	ADAM TANMAY S		88			-	NE S					
κ,	AMBLE CHETAN YUAY	The Bar	0 3	Liche	flant.	10 150	(RECOIL					
15/	AMBLE SANKET VITHAL											
K	ASBE SHARAD DAMU											
KH.	JARDIKAR JAY BHASKAR	TEE	TAK	JBK	A	J-8.4	210.5	JB.K	JBK			
KH	IOCHARE KRUNAL GANESH					The state of the s	0.00000	-				
	MREDIGE BALAN		1				9			1		
KU	MAYAT NONALI RAJENDRA	A	MRAD	Ch.P.H	MED)	(OPE)	mer	MEID	6012	1		
KU,	SHWAHA DEEPAK B.											
MA	KWANA HARDIK H	Hardis	A	Harde	Hordik	Hardile	Horak	A	D-	-		
MA	NDAL GANESIF ACTIYUT			HA .	1			701-1-7	0	1	-	-
ME	STRY ABEISHEK MANOHAR									-	-	
_	REE SHANTANUS									-	1	-
-	IKUTE MORIT SUDESH									+	+	-
-	K PRANALI PRAMOD	rosali 1		Power Li	की	Bracoli	Δ.	n 1	0 1	+	+	-
-	SARE SANDESH D	141-01	40.4-17	The sail	4	Liman	(A)	Brenedi	Sanari	+	+	-
-	MAR GAURAV JITENDRA						1		_	+	+	_
-		-	-	-		-			-	+	+	-
AFE	EL DEAP HEMANT			11						_		



14	PATIL SAURABH R.	0-5										+
5	PATIL TRUPAL BHAGWAN								-	\vdash	-	ł
16	PAWAR WAYER BABUSING								_	\vdash	-	ł
17	RAI SUN UT SUNDIL									\vdash		ł
68	RANE ABHISHEK KRISHNA	2	A 12							\vdash		ł
19	RAUT NIMISH ANIL	8	h							\vdash	_	ł
50	RAYANISHAILISHKUMAR IL									\vdash	-	ł
51	SAEMANI INTEZAR ALI L.									\vdash	_	ł
52	NALVE FRANKASSION 15	17		-	1 63					\vdash	_	ł
53	SAPKALE PRITESH		0								_	ļ
54	SAWANT SIDEHESH TUKARAM		12-3									ł
55	SHAH KINISE KASHMIKANT											ļ
86	SHAIXH REBAN MORD E							1	h		_	ļ
57	SINGH DEEPAK M.	BON	Dargh	Digh	A	DESK.	A.	Darch	150-37			ļ
58	SINGH DIBESH DHANANJAY						133					ļ
59	SINGH OMPRAKASH RANJEET											ļ
60	TAMORE HIMANSHU J.	1000	7	150		100	1			_	_	l
61	TAMORE KALPESH HEMANT									-	_	ļ
62	TAMORE SUMIT SANDLEP										\perp	ļ
63	TANK KINIAL NAVIN									-	\dashv	
64	TEJAM VIKRANT MANGESH									-	-	ŀ
65	TELL SWAPNIL NANDKISHOR								8	\vdash	_	
66	UPADRYAY ROHAN ARVIND	21.5		LIST		0.5						
67	VAIDYA RAHUL RAJAN	1 11	1.15	12	114		1			\perp	_	
68	VAYADA ANKITA RAMU									\rightarrow	-	
69	WADE RUPAL DINESH	10	DI.		11-		~			\vdash	\dashv	
70	WALA JAY ARUN	Twode	Juda	Tools	A	Tuesta	H	Jun-	Jack	-	-	-
71	WATUMBARE ASSETOSH										_	
72	YADAY AKASII RAMANI	Pite	1	1.64	1						_	
73	YADAY KAHUL PIRALAL										-	
74	ZANJE SHUBHAM MADHUKAR	- 1		4		1	1			-	-	-
75	ZIMAL RISHIKESH DATTA					-		D	12 11	-	-	-
76	MADIYE PRATHAMESH P.	Prots	Posts	Both	A	Prata	miny	Thirth	3047			
Г	NO OF STUDENTS PRESENT						1000					L



SUBJECT INCHARGE

VIVA Institute of Technology, Virar T.E. ELECTRICAL (2017-2018)

SUBJECT: SUBJECT INCHARGE: __

H.	Ness	181	10 817	11/8/1	7 19:01	7 579/1	61911	7 9 1971	12.49117	P	C	1
-	Time			1		1						H
1	AMBRIBLE SNEHAL MARESH	Sint	SIMP	4	CIA	F STOY	D Cre	n A	KMA			Н
2	ASODARIYA JAYDEEP K	1	1		134	7-1-1-1	-		-			t
3	BAGUL AKSHAY YEAS	DEA	PHA	10	ALA:	of Ath	a cont	10	Atr-			Т
4	BARAT DIPAK NAVANHA	1			1	1449	10 130	1	1114			Г
*	DARLHIMALAY DAYARAM				1	1	1					\vdash
6	INFATT ANURAGI K				1		1					Т
1	BHAYSAR KAUYTUHEM											
N	BOBICATE PRASAD LAXMAN	Projec	B AC	Porto	Polar	March	Papel	Prates	Bopt			
	BONDRE HEMENDRA RAMESIK				100	MAIN	14013	1.0	the Lan			
10	CHOUDHARD NISHANT R.						1					
11	DESAS RAMCHANDRA PUNALI	P.Delin	Pager	2 Cogn	0.	P.Dese	D Dak	Rocto	4			
12	DESAL SIDDHESH SCRESN	-		1			1	1	-			
13	FAKIR ALISHA ABIDULKADAR										一	
14	GARDI ADITI VILAS	PAiti	Pdih.	Palih	A	Adib	A	Polity	Add			
15	GAWDE HARISH PANDURANG		1	-	1	1		11.00	4 havit			
16	GHOSALKAR MAYUR R									1	7	
17	OCDEKAR SIDDHESH SANTOSH	550	550	350	1.00	550	0	A	5.50			
18	GUPTA AJAY SHAMBHUNATH			-	1			10		7	1	
19	GUPTA DIEJPKUMURS.									_		
20	GUPPA RAJBIL RAMPRASAD	permet	blooden	Patrop	A	00000	CLOUP	聖し	Prox		7	
21	OUPTA ROHIT RANDAYAL	THE STATE OF	17 000	Med	1500	-	1		1			
12	GURAV ANIKET SANIAY									7	1	
23	HAZARE FRACHI	Proch	A	Roch	Prochi	Prophi	Rochi	Boch	Provehi		7	_
24	IAISWAR SUMIT SHIVKUMAR				1		1		110		1	
15	CADAM ADINATH SUBHASH	PAIR	Salas	4	Deligion	Min	Chimin	KANY	1412	_	1	
6 0	CADAM TANMAY S			- 8		1	-		-	7	7	
7 1	CAMBLE CHETAN YUAY			Albert .	1	Sec. 18					1	
8 8	LAMBRE SANKET VITHAL									7	_	
9 1	ASBE SHARAD DAMU									7	+	
0 8	HARDIKAR JAY BHASKAR	J.B.K.	J.B.IS	J.B.K.	A	JAL.	TAK	Tak	-1.0.k	+	+	
ı K	HOCHARE KRUNAL GANESH		-					2.12.1	30.0	_	+	-
K	P MREDHUL BALAN									7	+	-
0	DMAYAT MONALI RAJENDRA	(A.P.10)	A	6004	600	(CRIC)	M.P.K	We is	0,010	+	+	-
K	USHWARA DEEPAK 8			-			-	-		+	+	-
14	AKWANA HARDIK H.	Hardre	0	Jane Y	0	Heralike.	ladik.	undik	tions.	+	+	-
M	ANDAL GANESH ACHYUT						The state of		11-02	+	+	-
M	ESTRY ABBISHER MANCHAR									-	+	-
3.0	OHILE SHANEANUS									+	-	-
+-	URKUTE MONIT SUBESH								_	+	+	-
1	SK FRANALIPRAMOD	Pravali	A	-	2-11	P	2 0	N - 71	0 12	+	+	\dashv
+	NSARE SANDESILD	Pace 14	1.5	1	Tana	Provedi	mass.	tocal.	locally	+	+	-
+	RMAR GAURAY IITENDRA		-			-				+	+	-
+	TEL DEEP HEMANT									+	-	4



14 E	ATTL SAURABH R.						_				1
5	ATIL TRUPAL BRAGWAN					-					7
14	NAWAR MAYUR BABUSING										1
1	CALSUMIT SUNIL				_			_	-		1
18	TANE ABBISHEK KRISHNA						_				7
19	RAUT NIMISH ANIL						_				T
59	RAYANESHALESHKUMAR H	4				-					7
_	SALMANI DITEZAR ALI L.						_	_		-	1
52	SALVE PLANE ASHOK	13-14	11		11	11		-			1
53	SAPSALT PRITERI						_	_			1
54	SAWANT SIDDRESH TUKARAM							_			1
55	HEAR KINDS, RASHMIKANT							-	-	-	1
56	SHAIKH THIAN MORDLE.	Lower				~	1.	NA.	00.0	-	1
87	SINGH DEEPAR M.	133-14	Drob	DSIA	- A -	Daver	A	25.42	Dras	-	1
18	SINGH DIBESH DHANANJAY	100						_	-	-	1
11	SDUGH COPPRAKASH RANJEIT	100							-	-	1
ND.	LAMORE HPANSHUJ.			111	TIC	- 1				+	+
61	TAMORE KALPESH HEMANT							_	-	-	+
62	TAMORE SUMIT SANDEEP							-		-	+
63	TANK KINGAL NAVIN			141	101/4.					-	+
64	TEJAM VIKRANT MANGESH									-	+
65	TELI SWAPSE, NANDKISHOR							_	-	-	+
66	UPADHYAY ROHAN ARVIND		-10		133					-	+
67	VAIDYA RAHUL/RAJAN									-	+
68	VAYADA ANKITA RAMU									-	+
10	WADE RUPAL DIVESH				1-11	Book			- L	-	+
70	WALA JAY ARUN	Justa	Tools	Justa	Juste	Just	Just 9	A	Just		+
71	WATUMILABE ASHITOSH								-	-	+
72	YADAV AKASH RAIMANI	(Carry)	1	1-1		3.35				-	+
13	YADAY RAIUL HIBALAL								-		+
74	ZANJE SHUBHAM MADHUKAR		10.1			100		_		+	+
75	ZIMAL RESHIKESH DAYTA					6		0 .1	0		+
76	MADIYE PRATHAMESH P.	Pralled	Parts	Fradition	A	Proper	A	Patt	Tests.	-	+
	NO OF STUDENTS PRESENT										_



VIVA Institute of Technology, Virar T.E. ELECTRICAL (2017-2018)

SUBJECT: SUBJECT INCHARGE:

IL.	Name	840	7 1490	7 1	990	7 11.19	/17	P711	17	11/1/1	7311	717	41017	P	C	1
Na	Time			1		1		1								1
1	AMBHIRE SNEHAL MAHESH	500	A Sim.	al	南	0 0		5-10	n	A	10	90	SIMP			t
2	ASODARJYA JAYDEEP K		PIT	-	71-1	1		3.10	+	-	130	-	2		\vdash	T
3	BAGUL AKSHAY VILAS	DIA	DAN	1 1	NA.	I a		Diest	J	VIV	4 CWA	14	Alery			T
4	BARAT DIPAK NAVASHA	r.assa.	- William	4	1140	1		A TEX	7	1.30	1 6 104	-	-			t
5	BARI HIMALAY DAYARAM			+					+							T
6	DHATT ANURAG K		_	+		+	-	_	+							Т
7	BHAVSAR KAUSTUBH M.			+		+-	1		+		1	-				
8	DOBHATE PRASAD LAXMAN	Costo	Kaji	4	A	Par		7 4	- 16	David !	Pro	3	Cone	7		
9	BONDRE HEMENDRA RAMESH	1000	100	7		1030	-	- 1	-	ac p	1100	7	Lehen	4	\forall	
10	CHOUDHAS! NISHANT R.			+	_		7		+		_	-		-	\neg	
11	DESAL RANCHANDRA PUNAJI	Bone	1	400	e) =1	P.Cese	4	0.09845	4-10	Casel	A	- t	Duley	+	1	
12	DESAI SIDOHESH SURESH		1	1		1200	1	-	+	3.00	1	-1	4-6	-	7	
13	FAKIR ALISHA ABDUI KADAR						+		Ť			+		1	_	_
14	GARDI ADITI VILAS	Politi	A	A	uhi	A	1	ALLA	1	rdshr	Adi	4	ALL:	1	+	
15	GAWDE HARISE PANDURANG	1		1	-	15	1	COAL	+	-	Field	+	-234-	+	+	
16	GHOSALKAR MAYUR R.						+		+			+		+	+	
17	GODEKAR SIDDHESH SANTOSH	350	55.5	155	:0.	5.45	1 3	55.0	1	140	1CA	2/2	.3.2	+	+	Ī
18	GUPTA AJAY SHAMBHUNATH	1		1			Ť		1			10		+	+	
9	OUPTA DILIPKUMAR S.						1		T		-	1		+	+	
0	GUPTA RAHUE RAMPRASAD	ppone	PREME	PL	24	Men	1	A-	2	(pert)	palene	10	(Gus)	+	+	T
1	GUPTA ROHT RAMDAYAL		1				1		Ť		-	1		+	+	
2	GURAV ANKETSANIAY						1		T			1			+	
3	HAZARE PRACHI	Prosh	D	Pers	ehi.	Proch	ir.	mohi		A-	A	P	rebi	+	+	
4	IAISWAR SUMIT SHIVKUMAR		120			1	T	111 601	T			т.	-	+	+	1
5	KADAM ADNATH SUBRASH	Adirecto	Mich	69	1860	A	A	dicit	01	HEREN	Deligh	POL	arest.	1	†	
6 0	KADAM TANMAY'S	1					1		1			1		1		
7	CAMBLE CHETAN VUAY	- 40	PC .	3	10	10		1 40	1	7/1, 17		†		†	+	Ť
b	CAMBLE SANKET VITHAL		- 1									\vdash		+	$^{+}$	
K	ASBE SHARAD DAMU													$^{+}$	+	
K	HARDIKAR JAY BHASKAR	IBK.	TEK	1.0	K 2	1845		8	3.5	NE :	JR.K	7	BK	+	+	1
K	HOCHARE KRUNAL GANESH												-	+	+	1
K	P MREDHUL BALAN				_	000-00								1		1
K	UMAVAT MONALI RAJENDRA	MER	1	RP	K	(Hi	6	210	503	2R)	940	10	P.K	1	+	1
K	USHWAHA DEEPAK B.										-	-		+	+	1
М	AKWANA HARDIK IL	HORIE	tordy.	look	5- K	and 14	Me	WIL		AI	la-dik	44	16	+	1	1
M	ANDAL GANESH ACHYUT											1		+	1	1
M	ESTRY ABIBSHEK MANOHAR													+	1	1
M	OHILE SHANTANU S												-	+	1	1
M	URKUTE MOHIT SUDESH												-	1	1	1
NA	JIK PRANALI PRAMOD	Proceedi	- A	0	- p.	Paren	Po	wali	2	Lay 1	-cra	0	111	-		1
PA	NSARE SANDESH D.		1				-		1.1	1	1	+	N. C.	-		
PA	RMAR GAUNAV JITENDRA							1		+		-	-			
PA	TEL DEEP HEMANT				1	75		-		-	_	-	-	7		



4	PATIL SAURABH R.				-	-					Г
5	PATIL TRUPAL BHAGWAN				_						T
6	FAWAR MAYUR BABUSING					-		_			T
-	ENESOMIT SUNIL				_	-		-			T
5	KANE ABHISHEK KRISHNA						-	-			t
9	RAUT NIMESH ANIL				_						t
58	RAYANI SHARLESHKUMAR H	7191	91	27.3	11.1						t
51	SALMANE INTEZA" ALTL							_			T
52	SALVE PRANIL ACHOK	1 197	10 0	Hotel	111/	THE	-				T
53	SAPKALE HUTCSP						-				Ť
54		T I									+
15	THE PART OF THE PART										†
51	THE PROPERTY AND PARTY OF THE P	1	1000		1	Doct	Δ.	Dard	Don's	-	1
5	SINGH DEEPAK M	Bingh	D5:44	Daring	17:47	المتحد	() -	2.0.	-	_	t
4							_		_	-	Ť
9	SINGH OMFRAKASH RANJEET	1									t
6	TAMORE HIMANSHUJ	1	1 1	1700		- 44				-	t
6	TAMORE KALCESH HEMANT				-		_				t
6	2 TAMORE SUMIT SANDEEP				1		_				t
0	J TANK KINJAL NAVIN	1	1			- 10				\neg	Ť
1	4 TEJAM VIKRANT MANGESH										t
T	IS TELL SWAPNE, NANEKISHOR					-					†
1	6 UPADHYAY ROHAN ARVIND	-		-		-					1
7	7 VARDYA RAHUL RAJAN				_	-					1
1	IS VAYADA ANKITA RAMU			-		1					T
Γ	69 WADE RUPAL DINESH	(0)	-	2 1	ot oak	had	tuela	Joseph	Joan		T
	10 WALA JAY ARUS	Jun.	Justin	Josep	1000	0	9	0		18 (6)	T
T	71 WATUMBARE ASHITOSII	-	72	13.							1
1	12 YADAV AKASHTRABIANI			1.8790							1
	73 YADAV RAHUL HIRALAL			1	17500	1	1				
	74 ZANIE SHUBHAM MADHUKAR	1	1			1			(a. 1)		T
	75 ZIMAL RISHRESH DATTA	5 U	Park	D. W.	A	Prest	A	Prop	Pap		T
1	76 MADLYE PRATHAMESH P. NO OF STUDENTS PRESENT	Tourse	1235	TOTAL	1	111111111111111111111111111111111111111					T





VIVA INSTITUTE OF TECHNOLOGY

(Affiliated to University of Mumbai; Approved by AICTE & DTE)

Veer Savarkar Marg, Shirgaon, Virar 401303

Department of Electrical Engineering

CERTIFICATE

This is to certify that,

Mr./Ms. Godekar Siddhesh Santosh

of TE Electrical

has successfully completed value added course on "ELECTRICAL SAFETY PRACTICES" organized by

Department of Electrical Engineering

for A.Y. 2017-18 from 4th Jul 2017 to 4th Oct 2017.

f mondel

Prof. Pivali Mondal

Course Coordinator

Been

Prof. Bhushan Save

Head of Department



VALUE ADDED COURSE

Name of Course:	Printed Circuit Board (PCB) Designing	Branch:	Electrical Engineering
Duration:	30 Hours	Instructors:	Aadil Sheikh
Date of Commencement:	14 July 2017	Date of conclusion:	10 Nov 2017

	Course Outcomes
Upon suc	ecessful completion of the course, the student must be able to
CO1	To understand the requirements of designing a PCB using software.
CO2	To understand various components required for PCB design and their electrical ratings.
CO3	To use development tools for PCB designing
CO4	To understand design standards and flow charts

	Syllabus	
Unit No.	Contents	Hours
1	Introduction to PCB designing concepts: Introduction & Brief History: What is PCB, Difference between PWB and PCB, Types of PCBs: Single Sided (Single Layer), Multi-Layer (Double Layer), PCB Materials. Prototyping, eCAD and PCBs, Purpose and Intent, Equipment Computer Circuit Programming and Testing Hardware, PCB Component Hardware, Software, MPLAB X IDE and XC8 Compiler, Understanding the Walkthrough	6
2	Component introduction and their categories: Types of Components: Active Components, Passive Components Component Package Types: Axial lead, Radial Lead, Single Inline Package(SIP), Dual Inline Package(DIP), Transistor Outline(TO), Pin Grid Array(PGA), Metal Electrode Face(MELF), Leadless Chip Carrier (LCC), Small Outline Integrated Circuit(SOIC), Quad Flat Pack(QPF) and Thin QFP (TQFP), Ball Grid Array (BGA), Plastic Leaded Chip Carrier(PLCC)	6
3	Introduction to Development Tools: Introduction to PCB Design using OrCAD tool, Introduction to PCB Design using PROTEUS tool	6
4	Detailed description and practical of PCB designing	6

PCB Designing Flow Chart, Description of PCB Layers, Keywords & Their Description, PCB Materials, Rules for Track, Study of IPC Standards	
Lab practice and designing concepts: Starting the PCB designing, Auto routing, PCB Designing Practice, Post Designing& PCB Fabrication Process, Testing and Troubleshooting Methods	6

	Learning Resources							
Text	Text Books:							
	1. Kraig Mitzner, "Complete PCB Design Using OrCad Capture and Layout", 2011							
Refe	erence Books:							
	 "PCB Design for Real-World EMI Control (The Springer International Series in Engineering and Computer Science)" by James Drewniak and Bruce R Archambeault. "PCB Design: Printed Circuit Board" by Michael Dsouza and Dsouza Michael 							



SUBJECT: Printed CB design. (PCBD)
SUBJECT INCHARGE: Pro Addi Cheikh
S.E. ELECTRICAL (Year - 2017-2018)

R.	Name	Hickory	Hy Ann	2/20	21 Ann	ng An	ns)/ ///	400	4 10017	-	-	Ė
Na.	Time	2:30	3130	2130	3:30	2:30	7:30	2:30	7.30	\vdash	\vdash	Н
1	AGARWAL ABIOSHEK PAWAN	(A)	(A)	R	A	(A)	a	CA	SA	-	-	\vdash
1	CHAUDHAIU PRASAD PRADIP	(2)	(0)	æ	(2)	æ	-	(2)	a.	_	-	-
3	DEPERIKAR YASH NARESH			77/0.5	15-151-E	7-13-	3		-	_	-	H
4	DHANGAR ROHINI RAJENDRA	PD	PA	20	DP	20	PO	PP	PD			-
	GOUNDAR SHASHIDHARAN BALASURAMANIAN											
4	GUPTA PIKESH MUSAFIR	- 6								Ц		
7	GURAV SHUBHAM SANTOSH						1					
	HARPALE AJAY CHANDRAKANT											
9	KOLEKAR KUSHAL VILAS											
10	KOLI NUTAN PRABIJAKAR											
11	KORE DEWANG MAHENDRA	4D	10	RD		KD	Ko	KD	RD			
12	LOKE KAMLESH GANDAT										_	
IJ	MANDAVKAR ABHISHEK VASANT					,						
04	MUNGEKAR ASHISH CHANDRAKANT											
15	NAK NEERALARVIND	em	m	(JOIN)	-	ann	_	m	ത്ത			
10	NAIK SUKANYA BHARAMU	W. 1. 1				1000000		Control of the last				
17	NAM PRANIT SHANKAR											
18	NANDLAL GUPTA											_
25	NAME KOSHAN RAMCHANDRA	ST'	SHAP	_	4	_	9	_	A			
29	NIKAM ASHISH RANGANATH										\perp	
21	PANCHAL JATIN VINODKUMAR											
22	PASHTE NIKITA DIPAK	AP.	NP	NP	Nº	-	P	NP	NP			
23	PATIL PANKAI BIJAGWAN			- 101								
24	PATEL PRANDALI VILAS											
-	PAWAR PRANALI JAGANNATH											
26	RANE PRATHMESH CHANDRASHEKHAR											
27	HAUT ISHAN AMOL				3			-				
_	SAINDANE RASITIRAFAL RAJENDRA	= 1				Jane				-		
29	SHIVNEKAR VISHNI/ DAMODAR											
30	SENCIL HEMANSHU PRASHANT											
31	SINGH PRINCE PINTU	200.00										
32	SOGALE OMKAR FRAMOD	950	9	90	9	8	9	9	8			
33	YADAV BOHIT PRABRAKAR						S-3-3/10	7	100			
34	YADAY SHAILENDRA BARRANCI		-									
35	OUPTA GOPI MORAN											
56	IADRAY SALANIL	Sai	50	Sei	500	Sai	Si	Sai	Sal			
-	IAISWAL AMITKUMAR NAVALKISHORE											
37	SAIR ASSIT RAJENDRAN										\neg	



39	PADYE AKSHAY ARJUN									T	T
40	PALASE AKSHAY ARUN									\vdash	+
41	RANPISE BOHAN JAYANAND									+	+
42	RAUT SPURTI SHATRUGHNA	Sm	frans	Sm		Bo-	Emi	0	0	\vdash	+
43	WAGHMARE RUCHITA NANDKUMAR		2 101	Sin	-	300	6 100	Sinc	bre	\vdash	+
44	KUBAL RAJESH RAMESH						1			+	+
65	YADAY AJAY										+
46								-		+	+
47								-		+	+
18								-		-	+
0										+	+
50									_	-	1
51				_				-	_	1	
12			_	_					_	+	
9				-					_	1	
14				-		-		_		_	
15			-		-		-	_			
6				-		-	-		_	_	
17			-	-			_		_		
8							-				
,			_	-			- 3				
0			-	-	-		-				
	NO OF STUDENTS PRESENT		-	-	-						





VIVA Institute of Technology, Virar

IL.	Nume	11 1811	¥ / 800	18 /8/17	18,30	1.91	1 Am	3/91	1 8 Au	P	C	l
No.	Time			1								ļ
1	AGARWAL ABRISHEK PAWAN	(A)	CA	CA	A	æ	(AL	CR	R			L
2	CHAUDICASI PRASAD PRADIP	130	-	Q.	P	-	62	(4)	0			L
3	DEHERIKAR YASH NAKESH	1	C	100	1 CL		1					
	DHANGAR KOHINI KAJENDRA	RP		10	10	PP	-	20	P42			
,	GOUNDAK SHASHIDHARAN BALAS ERAMANIAN			7.		100		1.				
*	GLIPTA PIKESH MUSAFIR											
7	GURAV SHEBRAM SANTOSH											
	PARPALE MAY CHANDRAKANT											
,	KOLEKAR KUSHAL VILAS	1		- T								
10	SCILI NUTAN PRABHAKAR	dan										
11	KORE DEWANG MARENDRA	FD	to	10	10	10	ED	#D	KD	\neg		
12	LOKE KAMESH GANPAT									T	\exists	ī
i)	MANDAVKAR ABBISHEK VASANT									7	\neg	_
4	MUNGEKAR ASHISH CHANDRAKANT									1	7	
5	NAIK NEERALARVIND	m	m	-	m	_	กกา	-	2,233	1	1	Ξ
	NAIK SUKANYA BHARAMU											Т
7	NAM PRANT SHANKAR									1	\top	Ī
	NANDLAL GIPTA									1	+	_
,	NAME ECISIAN RAMCHANDRA	W	_	B	_	R	-	3	A	+	+	_
,	NIKAM ASHISH RANGANATH			14				70	100	+	1	_
1	PANCHAL JATEN VENODIKUMAR									1	+	_
1	ASRITE KIKITA DIPAK	NP	_	NP -		N	_	AP	_	+	+	_
į,	ATIL PANKAJ BRAGWAN	-		-						+	+	-
ţ	ATIL PRANIALI VILAS									+	+	
į,	AWAR PRANALI INGANNATH									+	+	ř
į,	ANE PRATHMESH CHANDRASHEKHAR									+	+	-
1	AUT ISHAN AMOL									+	+	
5	UNDANE RASHTRAPAL RAJENDRA									+	+	
9	EVNEKAK VISHNU DAMODAR							-		+	+	-
SE	PCH HIMANSHU PRASHANT			-					-	+	+	-
H	AGH PRINCE FINTU					-		-		+	+	+
H	100 D 7 C 100 D 100 D 100 D 100 D 100 D 100 D 100 D 100 D 100 D 100 D 100 D 100 D 100 D 100 D 100 D 100 D 100 D	953	8	000	8	1000	8	S .		+	+	+
-	DAY ROHT FRABITAKAR		-	9	0	9	-0	90	6	-	+	-
	DAY SHAILENDRA BAJRANGI	-	-	-		-	-	-		+	+	-
-		-	-		-	-		_		-	+	4
	PTA GOR MOIAN	0	0		9 .	-	-	et .				1
W.	RIAV SALANE. SWAL AMETICINAR NAVALKISIKIRE	See !	Sel.	- 15	e		So-	Sei -	-			



39	PADYE AKSRAY ARIUM									7
-	PALASEAUSHAY ARUN									
41	BANPISE ROHAN JAYANAND	10			-100	 -			+	
	RAIT SPURTE SHATKUGHNA	Jan	1	May	do	 Sour		-		
43	WAGINARE BUCHETA RUSENJIMAR	10		Jaco	OF CO.	G/r-cr	-			T
44	SUPAL VALUE RAMESE									7
43	VASSVAJAY									1
46									-	1
47								-	-	1
48									+	+
**									+	1
50									-	+
51									-	+
51				-	-				+	+
53									_	ł
54							-	-+	+	t
55									+	t
16									+	╁
57							-	-	+	H
68						-			-	+
9		5 -5				-	-	-	-	+
0								-	-	+

SCHOOL INCHARGE



VIVA Institute of Technology, Virar

S.E. ELECTRICAL (Year - 2017-2018) SUBJECT: PCBD
SUBJECT: NCHARGE: Acot Shoot

R.	Nine	15/1	17 15 19/11	non	24,711	13 100	12 10/17	201417	to lan	P	C	1
Na.	Tiese											Γ
1	AGARWAL ADRIBUTE PAWAN	(A	3 (A)	(A)	A	(8	A.	(A)	1-			
2	CNACTWAND PRACTIC	9	0	10	(P)	OD:	a	4	-			L
	DEBUREAU VARI NAKERE		100	100	1	19.5	-					
4	DIGANG VEROENG HARDDRA	3.0	Po	ED	-	RD	10	-	10			
	GOUNDAR SHAHEDHARAN BALASCOBAMANGAS											
	GUPTA PISSISHUMUSAFIB											
,	GURAV SHUBELUM SANTOSH											Т
8	HARPALE AVAY CHANDRAKANT											ī
,	KOLEKAR KUSHAL VILAS											
11	KOLI NUTAN PROBHAKAR											ī
11	KORE DEWANG MARENDRA	100	ED	10	RD		20	RD	t-n		\exists	
12	LORE KAMEESHGANPAT	1	1.00	-			1.00	1 40	2,32	1	1	
13										1	1	
14	MUNUEKAR ASSISI CHANDRAKANT									7	\forall	
15	NAIK NEERAJ ARVIND	m	-	ann	-	3100	m	m	an	1	1	
16	NAIK SUKANTA BIARAMU	1111		1900)		7 (180)	921)	4.01	74.	_	-†	Т
17	NAM PRANTI SHANICAR									1	1	
18	NANDLAL GUPTA									1	1	Ī
9	NANHE ROSBAN BAMCHANDRA	N		D	A	田	A .		9	1	\top	ī
10	NIKAM ASHIBII RANGANATH	100					-		*	7	1	
1	PANCHAL JATIN YINODKUMAR									\top		3
7	PARITE MIGITA DEPAR	NP		AP		AP	-	P	AP	1		
,	PATIL PANKAJ IIHAGWAN											V
	PATE PRANJALI VILAS									7		
5	PAWAR FRANALI JAGANNATH									1	1	Т
1	RANE PRATIBUSE CHAMPEASHEEHAR										1	
1	AUT BRAN AMOL	3										
+	ANDANE RASHTRAPAL KAJENDRA									1	1	
1	HIVNEKAR VISIONI DAMODAR									1		1
+	NGN HIMANSHII PRASHANT									1		1
+	INGREPRINCE PONTU									1	1	1
+	OGALE CONKAR PRAMOD	93	9	-	6	0	8	D -	_	1	1	1
Ð	ADAY ROTET PRABHARAR									1		1
₽	ADAY SHAILENDRA BASKANGE											1
-	PEA GORT MORAN									1		1
₽		Sai	82	_ (See 9	Sant	- <	Sei -		1	+	1
-	SWAL AMITEUADA SAVALKESKIRE						-			+	+	1
-	AR ASSIST RACHTRAN				-		-		-	+	+	1



29	PADYE AKSHAY ARJUN									\vdash	
41	PALASE AKSIRAY ARUN									\sqcup	
41	RANPRE ROHAN JAYANAHO	-	0				-	0	_	\sqcup	\perp
43	RAUT STURTI SHATRIXGINA	for.	fra	Smu	free	from	do	Krows	Die	Н	_
43	WAGHMARE RUCHITA NANDKUMAR									Н	4
+1	CUBAL RAIESH RAMUSTI			1						\vdash	_
46	YADAY AMY									1	4
11									4 1		1
47											1
40											-
40	5									_	1
50											1
41										1	+
52										_	1
53			8. 1							4	+
Si										_	+
52										+	1
50											1
57											1
54										_	+
55										-	+
60											1





VIVA Institute of Technology, Virar

S.E. ELECTRICAL (Year - 2017-2018) SUBJECT: PCA) Don't shelch SUBJECT INCHARGE: 3 / 1/1 10 MAT 10/ WAT 19: 117 10 / 117 13 Jons 23 Jons 3 / hir AGARWAL ABUIDHIDE PAWAS CHAUDHARI PROJEAD PRODUP DESERVACIONALE III DHANGAR BOHINI BUJENDRA PD PP 120 PO GOUNDAR STASTEDITATION BALASUBBLAMANUS. PETATRESH MUSAFIIL GURAY SHUBBASI SANTONE * HARPALE AJAY CHANDRAKANT KOLEKAR KUSHAL VILAS 10 KOLENITAN PRABILUKAE KORE DEWANG MARENDRA P10 20 to EP CD LOKE KAMLESH GANPAT MANDAVKAR ABHISHEK VASANT MUNGEKAR ASHISH CHANDRAKANT NAIK NEERAL ARVIND 1808 m 2000 0000 MAIS BUKANYA DITABANU NAM PRANT SHANKAR NANDLAL GUPTA W NANHE ROSHAN RAMCHANDRA A NIKAM ASHISH ILANGANATH 21 PANCEIAL JATIN VINOURUMAR NP NP NP NP 12 PASHTE NIKITA DIPAK NP 23 PATEL PANKAI BHAGWAN PATIL PRANUALI VILAS PAWAR PRANALI INGANNATH



KANE PRATHMESH CHANDRASHEDINAN

SAINDANE RASHTRAPAL RAJENDRA

2

200

Sec

8

Son Son

Sou

Sec

50

SEVICKAR VSHINU DAMODAR SINCIE HIMANGIU PRATEIANT SINGH PICHCE PINTU

SOGALE CHOKAR PRAMOD

YADAY ROUT PRABBAKAR

GUPLA GUPL MOHAN

TADHAY SALANIL

VADAV SHAJEENDRA BAJRANGE

MASWAL AMETRUMAR RAVALKISHORE

RAUT BRIAN AMOL

18

30

33

n	FADYE AESHAY ARIUN									_
10	PALATE AKSRAY AREN									-
	KANIPISE TORGOS JAYANAND	0	0		0	0	0	Som	,	-
4	RAUT SPURYI SHATRUAGHNA	8va	fra	-	Sine	from	do	dra	fr	+
13	V AGRIMARE ESCHTA NANDKUMAR									-
14	ELTHAL RATESH RAMESH						_			+
in.	YADAY A'AY						-			_
a,										-
ir.							4			
es.										-
0										_
50									_	-
11								4		-
12								_	_	+
80									_	+
51							. 1		_	+
55										\perp
55									_	-
87									-	\rightarrow
58									-	-
53									_	+
69										

SUBJECT INCHARGE



VIVA INSTITUTE OF TECHNOLOGY

(Affiliated to University of Mumbai; Approved by AICTE & DTE)

Veer Savarkar Marg, Shirgson, Virar 401303

Department of Electrical Engineering

CERTIFICATE

This is to certify that,
Mr./Ms. Naik Neeraj Arvind
of SE Electrical
has successfully completed value added course on
"Printed Circuit Board Design"
organized by

Department of Electrical Engineering for A.Y. 2017-18 from 14th Jul 2017 to 10th Nov 2017.

Aholeh

Prof. Pratik Mahale

Course Coordinator

BRED

Prof. Bhushan Save Head of Department



VALUE ADDED COURSE

Name of Course:	ELECTRICAL INSTALLATION	Branch:	Electrical Engineering
Duration:	30 Hours	Instructors:	SUSHANT BANSAL
Date of Commencement:	24 JAN 2018	Date of conclusion:	10 April 2018

	Course Outcomes
Upon succ	cessful completion of the course, the student must be able to
CO1	To understand practices followed in industries for safety of equipment and personnel.
CO2	To understand basic electrical and electronics concepts, devices and their electrical ratings.
CO3	To understand power transfer systems and their installation practices in industry
CO4	To understand documentation required for installation.

Course Objectives

The objective of this vocational course is to make students understand various installation practices followed in industries for electrical equipment. This course is designed to make students job-ready for the industry by instilling multiple skills in them like electrical drawing and reading, IEEE and IS standards followed in industries, documentation for industries, etc.

	Syllabu s	
Unit No.	Contents	Hour s
1	Health and safety industry practices The regulations, laws and guidance documents associated with the electrical industry, Use equipment on a construction site, Follow safety procedures, practices and policies on construction sites, Carry out electrical safety procedures and practices, Understand environmental protection, structure and roles of individuals and organizations	6
2	Electrical science Understand direct current principles, Understand electromagnetic properties associated with devices under installation, Understand electronic components required for installation with data sheets and drawings.	6



3	Electrical installation Tools commonly used in electrical installation practices, Erect cable containment/management systems used in electrical installation, Install wiring systems and supports used in electrical installation activities, Install accessories and terminate using a range of connections.	6
4	Power transfer technology Understand how electricity is supplied and the characteristics of consumer's equipment, Understand isolation and protection, Understand automatic disconnection of supply, Understand the principles of final circuits	6
5	Technical documentation with clients Understand technical information with help of IEEE standards, manufacturerguidelines, Drawings used to plan electrical activities, Types of financial information, Types of handover information	6

Learning Resources

Text Books:

- 1. Trevor Linsley, "Basic electrical installation work", 1989
- 2. J. B. Gupta, "A Course in Electrical Installation Estimating and Costing", 2013.

Reference Books:

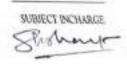
- Tarlok Singh, "Installation Commissioning & Maintenance Of Electrical Equipments", 2013
 Brian Scaddan, "Electrical Installation Work", 2015



SI	UBJECT: Dalsu aff UBJECT INCHARGE: STA	sharr	Son	4		B.E. E	LECTRI	CAL (Yes	r - 2017-	2018)		
10.00	Name	g/lat	(N c Out	_	131.90	2013/11	F rant	3 rijur	5 / 417	Р	C	Т
-	Time									-	-	_
1,8	- The state of the	dr	on	100	in	die	6	Be		4	_	
-	11000		250		1		100				_	_
3							- 25	-		12		_
P	The state of the s	SP	10	ion	W	m	P	6		4		_
*	The state of the s		-	-		1	-	- 20		3	-	_
1.4		ar	N	0	191	an	G	91		7		_
1	and the same same same same same same same sam	9										_
2		om	cm	im	cm	Can	om	om		1		
*	CHOKSEKARAN PARESH						2	,E3		.00		_
H	DAREKAR AKSHAY RAVINDRA		-							-		
U	DHAPSI SUNNY SAINATH	10	8	8	8	£	B	A		9		
12	DONGARKAR VIKAS VASANT		37700	1	10000							
t.i	DUBEY SURYAPRAKASH J											
14	GALA HIRAL VIRAM		1									
us	GAWANDE BHAVESH SLDHAKAR	B	10	100	100	00	113	100		9		
94	GOEL BHAVESHRAJESH	,	-	-				3,000		-		
17	GOVIL ABHISHER ANIL	1		3				become .	6 -	16.3	1	
46	GUPTA RAJKUMAR RISHDED	in	11	Có	Co	co	8	Co		3		
17	GUPTA ROHET SHIVSHANKAS	200	1000	all all a		- 1983			9			
38	HEGISHTE AKSHAY SUNE.											
aí	DABAR AJAY BANDHU	A-	.57	de	m	120-	500	47	5	7		
::	JADHAV HARSHAD	1				-						
23	SADRAY PAYAN SAGAR	1	-	7 2	1							
24	IANI KIRTI LABRISHANKARBRAI				-							
-	HETHWA HETAL CHANDRAKANT	10	4	the.	+4-	424	10	44		8		
_	JHA SURAJKUMAR RACHAVENDRA			1		-	-					
27												
28										1		
-	CAMBLE VIJAYA				-						-	
	CANDIA ATUL TUKARAM	2	10 13							15		
-	CAP VUAY PRAKASH											
-	- Contract of the Contract of									-		
n	KARANGIYA AKSHAY HARDAS	her.	por	132	120	002	- kn	\$102		ar		
×	ICHARNAIL RUCHRA DE P	pa_	12	F-1/4	P	Per c	KC	BANK		.,	-	
34		-										
50	LORDE TUSHAR JAYWANT	_	5		-	-		-			-	-
	LADYA BRANK JAYSUKRBRAF	10	-	15		11		1/2		A-		\vdash
y	LIMBACHIYA KISAN GUNVANT	18	8	18	18	U	18	18		()	-	-
18	LODHA HEENA KESHULAL	- 5		100	-		100		_	-		
99	MALI VIVEK NAMDERI	1								_		
a)	MANE MANDAR SIDERARTH	9										
g/	MARDE ARNEYA ANIL	ma	MA	ma	mo	mo	mo	me		0		
13	MARU VISHAL JAYANTILAL	100000	A. C. C.	NOVE IN THE	715t25 - 5		2100	Section 2		- 9		
13	MAURYA VIVEK RAMMURTY		15						-			
4	MHATRE SEHA VEAY	m	m	mo	Vinc	ring	n	m		141		



M MARIE FURTHERSONLESSESSES	
M MONTRE NATIONAL AMBIGUAL	
OF BRITISHER FRATIBANIESE ASSAULT	
H NERBAGAR RETENTO	
# ENCHARE ANNITA EXQUES	
SE PALIASBUSH RESORA	
PROCESS INNERSON	25 25 25 25 25 25 25 25 25
ST PANDAGE NIKUNSCHINDERLAG	1 2 1 10 1 10 10 10 19 19 1
The second second second	
PAWAR DRAWA SANIAY M. DOKUBRY PRASAD BRAW	
AL RAS VIVER RAIGHT	
PATROD ROHAN VUAY	By or a my a out in prost
The second of th	
The second second second	
The state of the s	
The state of the s	
- CONTRACTOR BOOK STORES	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
62 SHAKH ADNAN DILAWAJI.	0 3 3 3 3 3 3 3 3 3 3 3
63 SHINDE SWAPNE, SUNE,	
44 SHIRSAT PRANAY MANCHAR	
** SHBISAT RAHUL KAKASAHEB	89999991
64 SENGH CHARU RAMKUMAR	X X X X X X X X X X X X X X X X X X X
ST SONAWANE MAYURI SURESH	
M SREEDHARAS KIM KISHOR	
W TADGE VARSHA SUDHAKAR	
TANORE MAYUU DIGAMBAR	Part For For For For For For For Son of
71 TANDEL JACRUT MAHENDRA	m For room from mont from or
11 TELL PRASHANT MORAN	
73 TOSKAR GARGEE ARVIND	
74 VANJARE DINKAR NARAYAN	
S VARANKAR TUSHAR SHANKA	10 10 10 10 10 10 10 10 10 10 10 10 10 1
16 VARMA SUMIT BACHCHELAL	
17 WAGHMODE SOMNATH DASK	
- VADAV DILIPKUMAR	NO. ALL CO.
78 RAIBAHADUR	
79 YADAV MANOJ BHAVANISH	AWAS I I I
80 YADAV PRADEEPKUMAR RA	
ZAMBRE SAGAR RAJARAM	3 3 7 0 2 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1





VIVA INSTITUTE OF TECHNOLOGY

(Affiliated to University of Mumbai; Approved by AICTE & DTE) Veer Savarkar Marg, Shirgaon, Virar 401303

Department of Electrical Engineering

CERTIFICATE

This is to certify that,
Mr./Ms. Dhapsi Sunny Sainath
of BE Electrical
has successfully completed value added course on
"ELECTRICAL INSTALLATION"
organized by

Department of Electrical Engineering for A.Y. 2017-18 from 8 FEB 2018 to 7 April 2018.

Course Coordinator Head of Department





VIVA INSTITUTE OF TECHNOLOGY

Shirgaon, Virar (E), Tal: Vasai, Dist: Palghar $\,-\,401\,\,305.$

CIVIL ENGG. DEPARTMENT



Academic Year: 17-18

Resource person: Ms. Ramya Raju

Conducted as per time table for the respective subject

Hours: 30

Objectives:

- 1. Plan for a project in detail
- 2. To use templates which creates projects in project 2017
- 3. To create, manage, schedule and track all the imputed resources
- 4. To create, manage, assign and track tasks of all inputted resources
- 5. To work with deadline and constraints
- 6. To use dependencies to help schedule tasks
- 7. To run reports

Course Outcomes

At the end of the course, learners will be able to understand:

- 1. The functions involved in software related to civil engineering projects.
- 2. How to prioritize tasks, define expectations and prepare schedule.
- 3. Will know tracking and managing resources throughout the project.
- 4. To create and tracking budgets and sharing calendars with the team.
- 5. Learn about risk management involved in project management.





VIVA INSTITUTE OF TECHNOLOGY



Shirgaon, Virar (E), Tal: Vasai, Dist: Palghar - 401 305.

CIVIL ENGG. DEPARTMENT



Recognize when to use project management, role as a project manager is to deliver a project, communications, influence, and careful use of authority all play a major factor in the support you receive to complete the project, Project managers frequently find themselves with the challenge of adding new scope to a project with an already tight timeline. Typically, the job of the project manager is to work with their team to determine what this new scope will mean and how it will affect the project, building and tracking project schedules.

Chapter 2: The Microsoft Project User Interface...... 05 hours

To recognize best practices when running ms project for the first time, microsoft project user interface, the ribbon area icons, tabs, and access to the backstage, microsoft project scheduling engine, preparing a new project, estimating the project, ribbon actions (icons) you may need to perform within microsoft project, backstage is a full-screen area that allows you to open, save, share, and print your project, using views and tables

Chapter 3: The Microsoft Project Scheduling Engine06 hours

constraint based scheduling, calculates dates for you based on constraints you place on tasks and resources, critical path and user-controlled scheduling, user-controlled scheduling can effectively break the ability to identify the critical path because durations, start dates, and finish dates are not required when using this feature, configure project options, microsoft project offers many options for you to configure the user interface, scheduling engine, and task tracking for your project most of these options are located in the backstage using the options menu item.

Chapter 4: Preparing a New Project......6 hours

Create a new project before you create a new project, make sure you have all the project options configured as you want them unless you have a unique reason to do otherwise, it is a good practice to start with a blank project configure a project

VIVA INSTITUTE OF TECHNOLOGY

Shirgaon, Virar (E), Tal: Vasai, Dist: Palghar - 401 305.

CIVIL ENGG. DEPARTMENT

eatendar learn the differences between the Microsoft project calendars and when to use them.

Chapter 5: Estimating the Project......3 hours

Add tasks to the project, add durations to each task, add predecessors to each task to link tasks together, create the critical path, add resources to the project, create resource assignments, build a work breakdown structure, add costs to the project, add milestones to the project, add lag and review the critical path, adjust resource allocations.

Chapter 6: Tracking the Project......2 hours

To create a baseline baselines, custom views and fields project reporting task status updates updating task status from your team and update the project progress. resource assignment status updates.

Chapter 7: Custom Views and Fields......3 hours

To create custom views and tables views, create custom fields microsoft project, create graphical indicators when you create a custom field, further enhance it to use graphical indicators. these indicators allow you to display things like red, yellow, and green flag

Chapter 8: Project Reporting... 2 hours

working with the timeline, multiple timelines in project 2016, 2019 and online, working with the reporting module, about agile projects, using the task board, using sprints, using project online desktop, tips and tricks conclusion go to goskills.com using boards and the gantt chart, sharing boards





VIVA INSTITUTE OF TECHNOLOGY

Shirgaon, Virar (E), Tal: Vasai, Dist: Palghar - 401 305.

CIVIL ENGG. DEPARTMENT



Ramya Kaju						EN AM C	Thater	E) MET A 11 2017-18		in I	G)91	201		103A Siekle		hrs	eac
The state of the s	TT	1.1	1 1	Du	vot7	000 :	1014	201	9	10	1)	12	AUT LOS	DESCRIPTION OF THE PERSON OF T	WEST.	III No.	100
NO. Plane/Date	10.7	10.15	Z vol	Z 205/2	950	11/14	Stall Ed	BIRE	14418	28 8	238	351S	31425	25年1	SEC.	BULKE	ROTE
Commissioner James (1990)	See	A A	A STATE OF	STREET, SQUARE,	Course	- C	Emaner.	Cours	Griss	14:	Great	60000	Godano	6	Gen	1	1
Teamer survey octors are a	A	disco	1 1	1000	Central	-0	C)	Sant	General	Gean	Carter	Calery	Indea	111		1	1
I north ster country tought	Green	60	A Gor	A A	Granat.	Grand	A	Come	Love	- Gerich	A	France	-	(met	Spilling	1	1
E CONT. COMPAT SOURCE COMPANY	Asol	/IG6	10	Allen	600.13	AGA	Mintel	A	a Com	Acres	1660	10	Brise	Sec. 45	C. C.	1	1
5 CITILESTONIA SALTINIA BASIA	-0	1 fee ou	do	0	also	- 12	Lake	Ch	Cart. 4	650	633	Service .	650	10.00	1	*	1
S COMMOD PRINTED PRINTED TO A STRAIGHT N	C/chr		Sec.	48.4	tions	19	DEHA	PORE	Trecas	Pictor	6	Port.	Brigar!	1	15 %	9	1
Total contract management and a	10	A	Gar	10	Color	140	A	100	likee		GOLDS.	Codil	-	Sec. 170	ALC: UN	7	+
S com agreems nationally strangers	10	Policial	4-4	Chie	Adlant	March	100	Clark	1	PY-1634	ALUNY	19	Aluk	100	Pro-	A .	-
2 COPTS PORCE RAPRIESS MALARMET	G Felv	461.0	40	Pagely	Calleto	160	GOM	College	Legal	1	6000	1	600	Lifedon		*	1
FIT INCOME NAMED TO AND PARTY OF THE PARTY O	Hank	1 4	Michigan	- 1	75	FIGURE	Hickory	AL.	H-out-	Hance	10	5-55mm	Hart	-	Desi	171	+
11 PROPERTY AND ADDRESS OF THE PARTY OF THE	1.0.5	15.00	7	1.0	1:00		3.4	1 A-13	19	Et A r	TAI	-	J. A.L.	1	1.74	4	+
12 Andrew about his room accounts	Franch .	- 6:34	The o	4.7	Freborn)	Booker	100	A	64	make.	(mbo)	1200	141	Post in	100	-	-
13 August Martin Martin (1985)	Tilend	100	Stary	10	PSMS	Tank	A	Some	347	Sark	-	Sim	1	1	70	-	-
14 papersy section and assetts	GA30	17.	10	(Sheet	Sam	A	SPANIE	0-1	J. B.	Edward.	(30L	10.1	See	10	100	-	-
15 come recovers and access	#3kaph	A.A.	gOld-	4 9000	1 1	J. Buch	4.0	Sho	(fike)	4	(Date)	- STAD	N. B.	4-1	1558a	-	-
MS AND VINEET AND DESIGNATION	MANY	Week.	1	West	0.19	NAME	Manal	1	300	West	11	Mous	Allena	Me	A		-
TT COMMAN PROVINCEMENT SANDA	0	Buch	KFLY	1 Race	Carte Service	100	1	Parch.	Share	K. Beled	100	كتناها	160-	Khy	1	-	-
18 AMPLIA MARKATTA ANGLES ANGLES	60h	5-3	15000	10.	50.5	Sey	1900	Shire	(5)	50	-	100	4 20	28-20-2	1	4	-
ET ALBERTSAN SANGER BATTOR BRACT	300000	Buck	Service .	Same	B	Freel	V	P.	K-0.W	State	the state of	12	-Chr.	8 3	Equ	19	1
20 parties yours recented strante.	Klysel	Dock	No.	118	450	Sept 1	d	BELL	32777	1.0	alle.	WES	"KX	200	100	1	_
ET JOA VINT CERTIFIA BROWN	7 Annt	1. Dwg	15	1. Prod	S. Brech	LAW	3 true		10	Mari	1 0	A	A And	1 /2	1/2		
22 Pro Statement Statement State	A	1	Harry	Λ	Have	Flund	73	EAM	0	6-62-4	Am	SPLUE	113	3400	2 51	sa.	
District Street School Street	10	Acres	Grani	10	Sugar	Rune	Kittee.	Ktu.	15	Mater	J. Kain	Y YOU	ting.	A	The	35	
A LABOR DESIGNATION AND DESIGNATION OF THE REAL PROPERTY OF THE PARTY	The Alex	to here	duto	Shall	2	Shur	128	Buck	Made	12	F	Stur	nother	Clar	1 5	12	
Causes company and the same	Charle	Court	3.7	Kaby	1	0	Herry	Kalon	17. 10	Hour	Simo	1 0	11 10	49 19	11	~	
D ALPHATYS BELYERISONER BECTS. CHIEBETT	D. eselv	· Buch	1	1		Beck	Bert	Dans	Bry		253		/ami	W A	18-50	nes	



Late Shri Vishnu Wamun Thakur Chartable Trust's

VIVA INSTITUTE OF TECHNOLOGY

Approved by AICTE New Delhi, Affiliated to University of Mumbal Shirgson, Virar (East), Dist: Palghar — 401-303, Maharashtra



Certificate of Participation

This is to certify that Dr. / Mr. / Ms. SAYALI JADHAV has attended software course on "MSP & PRIMAVERA" organized by Civil Engineering Department from 10th July 2017 to 15th September 2017 at VIVA Institute of Technology, Shirgson, Mumbai.

(Prof. Ramya Raju)

Co-ordinator

(Prof. Lissy Jose)

Head of Civil Engg Department

(Dr. Arun Kumar)

Principal





VIVA INSTITUTE OF TECHNOLOGY

Shirgaon, Virar (E), Tal: Vasai, Dist: Palghar - 401 305.

CIVIL ENGG. DEPARTMENT



Name of the Course: Recent trends in Civil Engineering

AY: 2017-18

Course Duration: 30 hrs

Schedule

Date	Pre-Lunch (9am-12pm)	Post-Lunch (1pm-4pm)
26/06/2017	Ramya Raju	Akshay Mistry
27/06/2017	Lissy Jose	Monica More
28/06/2017	Akshay Mistry	Lissy Jose
29/06/2017	Ashish	Shetty
30/06/2017	Ramya Raju	Monica More

Day 01: Introduction to concrete trends on site

Session 01: Cube casting techniques as per IS codes

W/c ratio proportion as per IS codes and actually used

Varying size of aggregates and its disadvantages

Type of sand used for casting purpose

Session 02: Mix design as per IS codes

Mix design calculations and assumptions





VIVA INSTITUTE OF TECHNOLOGY

Shirgaon, Virar (E), Tal: Vasai, Dist: Palghar - 401 305.

CIVIL ENGG. DEPARTMENT



Day 02: Construction Management implementation

Session 01: flowchart of construction industry

Role of construction Supervisor

Session 02: Introduction to estimation in construction work

Planning for equipment

Day 03: Construction advance equipment's

Session 01: planning and process of equipment and methods

Required planning of equipment's

Session 02: Geotechnical materials, compaction and stabilization

Day 04: Water field Technologies

Day 05: Usage materials testing equipment

Session 01: Compression testing machine

Universal testing machine

Session 02: Abrasion test on aggregate

Impact value test on aggregate





VIVA INSTITUTE OF TECHNOLOGY

Shirgaon, Virar (E), Tal: Vasai, Dist: Palghar - 401 305.

CIVIL ENGG. DEPARTMENT



Report:

One week course was conducted by civil engineering faculty in order to provide basic knowledge about recent trends and upcoming methods in civil engineering to final year students. It has helped students to learn and understand the method of using various equipment's for various taskon field.

Course Objectives:

- 1. To understand the knowledge of construction management
- 2. To learn about various methods in concrete technology
- 3. To learn how various equipments can be used
- 4. To learn how material testing equipments can be used
- 5. To understand water field technologies

Course outcomes:

- 1. Students will be able to understand how construction management methods can be used in various cases
- 2. Students will be able to understand various testing methods carried out according to material availability
- 3. Students will be able to understand where advance equipments can be used
- 4. Students will be able to operate various material testing equipments
- 5. Students will be able to analyze various water field technologies





VIVA INSTITUTE OF TECHNOLOGY

Shirgaon, Virar (E), Tal: Vasai, Dist: Palghar – 401 305.

CIVIL ENGG. DEPARTMENT



CO PO MAPPING

							ogram tcome						
CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	CO target
C01	2												2
CO2		2			2								2
CO3		2									1		1.5
C04		2		2									2
CO5		2		2									2
	2	2		2	2						1		





VIVA INSTITUTE OF TECHNOLOGY

Shirgaon, Virar (E), Tal: Vasai, Dist: Palghar – 401 305.

CIVIL ENGG. DEPARTMENT



ATTENDANCE SHEET

	LOLIZOLE OF THE FACULTY	ATT	ENDANCE:	E DEL	CIVIL ST		TEET NO:	Deni 65/66/2018			
_	SP IBREACTES	900	Dest -	non!	-	MICT		-			-1
NO.	CONTROL THE STREET, DOS	266	2016	2816	2916	306	STEP COL		Pg Total	CF (Gr)	-
1	AGARWAL VOMAL KRIMINA KUMAR KIRAN	theres	-Ft	Vical	- A	Apary	-				
2	AGARNE CAURAN HANDNESST M.YARVA	Haat	Mak	DA_	2005	Aget)				
,	ARBOLE PANKAS UDAY MANADEVI	Day	PAW	(Phi	(De	Poly	24				==
	BACHIM SANGET CHANDRAKANT SKEETAL	A	A	Santé	Santo	Sant					
	SADER STEES STEEN	- 100E	A	STATES	orer	Torda					
	BANDAGE FROM SHANTARAM SHEHA	Bang	Rara	DA	A	A					
,	BASTE SUSHE, BANA VECTHALS	ROA	A	(BON)	A	Ross				1	
	BANNE PHIVANKA SURESHIEA	A	Ken	(1)	A	A				1	
100	Lower control of the	Khat C	Rm	D. J	Bhot	Chat	-		-	++	
,	MATKAS DUNGTON KIRAN RAJESHWARI	A. Vice	100	A	A	A	MA. N		_	1	F
10	REILAGE ANETT ASSESS ARTI	JA Z	temo	0	1000	-	tropond			1	
11	BOOKE ASSECT GOVEND BRANTS	- 1	100		BU	PRIM	-	-	_	1	_
25	BONDRE NEVAL BRAGWAY MADRICHE	A	A	A	n emal	huna	E 4	-		1	
13	BORE TARMAY BIG TESH BRAKTI	- dry	com	900	-	don	200				
24	CHANDIVADE ATTISH ANEUNIASIFATIN	A	1	all	1	MY	1				
15	CHAUMAN AJAYBAHADUR TEJBAJBADUR	Chaut	thau	NA	A	Chaut	/				
16	CHAVAN ANGEDHA GRAMEKANT	A	IA	che	Cho1	A	Z = = = = 5	C. 5. 55.	1		
17	CHAVAN BAICT BABAN SUBSIADRA	Rahu	A	A	Lanu	Rahu	4				
18	DAMANAPALLI HABISHENMAR BRUMARAH	CA	A	ND	A	MO	1				
		Dhas	a A	Obod	0	67	0				
39	BRACE SIBDRESH ANIL AMBUTA	The state of	10	Dias	Inv.	Uhaa	1			+ 1	-
20	DHANDE AKASH ANKUSH APEKSHA	To	1 48	A	Mas	h tha	\$n		_	+	_
21	DHOTRE NIXHEEL MANON RESOLA	IP	Jugg	LAKES	HKY	h (1	
22	DIFFUR CHANDAN CHANGRARANT MADRIURI	A	douls	down	TA	diami	7				
23	DIMBLE KUNAL UMESH LATA	Kuna	JA	A	Lun	JA					
24	DUDIA RAJ KANAYALAL BHAVANA	I A	A	Dat	Pul	-4			1		
25	GAJEWAD PRANIT RAMIAN RASIKA	fran	Pran	TA.	Pmn	H Fran	#				
200		Co. X	A.	00	A	A					
	GAIKWAD EANDEEP ASHOK CHRIAVA	10	0	10	0	A	1200	-		-	
27	GAIRWAD SAURABH KAILAS ASHWINT	0	A	0 1	COL	A	-	-	-	+	
28	GAVIT AMIT GULABBAS MALINE	1	6	chamb	uni	A	-			_	_
29	GAYLI AVADEUT RAJENDRA CHANDA	A	popul	biar	N Grav	None	W				
30	GAWAD DIPENDRA SHANTARAM SAREA	difert	die	A	dic	A					
31	CAWAD FRANIT PARSH BAM FRAJKTA	COLON	LA	De	A	pant			4		
1.66	GHADGE DEPENH SCRESH SMITA	A	Jin	· A	Jan	Lien					
		1	A	TA	A	A				1	
33	CORE ASSISSMEN RAMEHANDRA SLICARDHA	p'1-	PAI	Ln	-	01	4				
34	GLPTA ROUT PAJENDRA MALABEVE	NO.W	Hop	IT-IA	100	POUR	-		_	-	-
35	HADSE SANKET SANJAY SANGITA	14	stade	e A	Mods	P		W		-	
36	JADMAY AARASH DHARMPAL CHBILIYA	A	A	A	A	A					
**	JADHAY AKASH RAVINDRA BANCEETA	F	A	9	1	A				4	





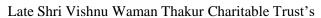
VIVA INSTITUTE OF TECHNOLOGY Shirgaon, Virar (E), Tal: Vasai, Dist: Palghar – 401 305.

CIVIL ENGG. DEPARTMENT



	n Maret Gerta	4111	B	EDIVA	CIVII SE	M VIII	SITE ET S		1543/7614			1
-	OR OF THE FACTOR'S	1.1.1				BRCT.	I .	and the same				
-	NAME OF THE STREET, THE	26 6	276	286	296	30 6	36	6		767		in York
*		Make	Den	Wille	A	A	A					
*	JACTAP PRANA PARAMENALPANA	19	140.00	A	Violen	-	196-	au			-	
	SAID VINEY ARROW DESIGNATA	144	VA	·WA	VA	VA	VI	4				
	SATURAL PRANTY HANNS SATTE	1	A	(4)	A	Cien	1					
	PARTIES STATE COST PAGENCIANS STREET,	15	A	12	Z.	15	1 5	7				1
	SAME TALA SAVOSSI SANTOSI SINATI	anis	Innh	A		0	1	-		-		1
	JANCALS STORAL POCAMBAR CINANDA	DIA	Dia	A	Dia	030	100	2	1		-	1
-	MA AMIT STENDED SHOUND	1 Last	alm	1	3	Dia	1	1	-	-		1
	A SANCE OF THE SAN	The	Tho	SALV.	The	1	117	Mil.	-		+	1
**		tr	10.	1	Inc	Th	71	74		-	-	+
47	JOHN KINAL KALMEK INDA	Ku	34	1	S	A	140	0				1
4	KADAM SIREMAM ANANDRAO SUBERNA	SW	S.	A A	SV	100	18	m			V.	-
47	KAMBLE CHINTAN CHANDRAKANT PRANALI	an	A	un	Chr	Ch	mor	M				1
50	KANSJIYA BREJERREKI MAR MOTELAL	40	10	KB	KB	KB	13	3				
51	RADWAL MECHA SUNESIN REKHA	Dir.	N	M	TA	100	- 1	3				1
52	KALSHAL JITENDER YUAY STELAM	Kos	100	Kes	200	K	O.L	m	. 1			
53	KAVALLOOR ENG SURALEEDHARAN JIKKY	A	JAAL.	bu	A	De		1				
	A CONTRACTOR OF THE PARTY OF TH	KP.	120	PE	K	0 41	1	Ke		-	1	1
- 0	New York of the Control of the Contr	Kegar	Kes	N 408	r Kes	MKe	_	-3m		-	1	-
	RUTHARKAR VEUNHALI LAXMAN CHHAYA	A	1000	1100		-	5	-			1	-
34	STAIRSAN SVENAL YUVRAJ SANDA	XX	Kr	Di	Sh	Sâ	7 9	200		_	1	1
7	KINI KAINNIK PRAKASH PUNIPA	0	100	K	V	1K	10	KK		_	-	1
	KODERT PRANAV UMESH ALKA	France	1 Kom	A	·A	A	1	वास				
9	KOLPE EAUSTUBII	mod)	002D	A	P)-	A		A				
100	EUMBHAR ANIKET SURENI SUMAN	Kunz	KILDS	Tum	Plaun	PKU	WAY	wall	-			
		Toward	Tame	Y A	Tope	Tan	47	a Atha	/	100		
	KLMISIAR TANKAY	A	Tex	A	100	1	70	Time			1	
62	LAD MIDDRESH VENAYAK SUHASINI	-	70	0 100	0 000	19	-0 3	2				
63	MACHRI JIDNYESH GANESH MANJERA	A	110	1 200	XIC	1120	10	ngn				
54	MARAJAN AKSHAY VIJAY SHRADRA	Halu	1 that	a Abha	HERE	offes	Call	PPLA				
65	MARALE GAURAY BRIALCHANDRA	Grav	16rai	MA	Sia	WA	16	naw				
		600	4KH	3/18	SAKHO	zha!	esh.	Ryles	n			111
4	MASANE BITEMI VENDO SANGITA	A	Total	. 4	mil	4	1	A				
67	MENTA KALSTURII ANASD KIRTI	me	AAA	m	-	A M	A	min		-	-	-
64	MINATER AATISM MAHENDRA SARITA	mr.	0133	7 PH	9 (1)	T I	13 1	mp)		-		
69	MINATRE CHEMMAY DRANANLAY MONESA	A	thin	A	Chi	41/1) (hinn				
70	MOLATRE SIDDHESH MILVDAS MICRIA	A	Lye	MA	m	ALA T		A	l'i			
		A	1	- 1	- 1	+ 2	1	A				
71	MINIST VIVEK	mon	1 5	1	n Av	no N	bre.	Mor	4			
72	WORZ HARMAL VIVER VRUMBALI	(13)	15)!	713	- 1		1		-	-	-
73	MORE PAYS TELESCIPAN	10	TH	MA	1	my	MAL .	Jan	4		_	
74	MORE SAUKABH PRAPULLA PRIYANKA	em	10	. 1	IN	7	4	A				
-		A	1	10		A 6	nai	Sur	. 11			







VIVA INSTITUTE OF TECHNOLOGY Shirgaon, Virar (E), Tal: Vasai, Dist: Palghar – 401 305.

CIVIL ENGG. DEPARTMENT

5			and the	MA EMPLE TO SERVICE SHE	CIVIL M	M VIII	SHEET,		are/and			1917
AM	R OF THE FACULTY	la dis	9-7	ante	0010	-2010		203	ALCO N	-		574
-	NAMES THE PERSON. POR.	266	116	28 6	15	30/6		-	-			
	THE VANNETS PLANES AMADRATE PRATTIES	JA	174	27	15	28	-					
•	BUTTOU STAN THANGAYTE BURALTHE	1 th	And	1	a day	- ft	-	-	-			
		BLO.	40	+V	S.S.	W	-			-		
	NAME AND STREET STATES	Mato	LU-	+A	A	ope		-		-		
	MAIR DEFENDER	A	A	A	A	-A		_				
	MARKET EN SIGNASH RIGHTONA	11/1-	A	900	201	25	_			-	\vdash	-
	WHAM AND SURVEYANT PURSONS	A.	14	A	A	A			-		\vdash	1
_	NYMERA ANNET ARANT RIVING	Boret	1	Gran	A	Pahell					-	-
	PRIAMON RAHER ERMU SHEREAL	A	A	A	A	A				-	-	-
1	PLESTRAN PRATICALISM MARENCHA	peley	cardes	A	grape.	-					-	1
-	ATEL VISHMAY SANIAY SURFEIGA	^	A	Δ	A	Д						
	ATTE AACHDISTS CHANCEAGANT MARKETS	1		TI.	-	P .						1
-	ATE CHIRATU GHANSHTAM LETNA	7	P	Buch	OF	7						T
	TE CAMPIC AMAR CITTA	Cont	A.	The same	11	Domin					0	
1	TIL HEMANSON	X of co	PHO	Tho.	1				-	-	1	+
	TIL MADMIKAT AND ASHWIN	4	A	A	1	A			-	+	1	+
		À	A	A	A	A				-	1	1
1	TE MAYOREM NARAYAN MALINI	may love	1.35	10.9	A	A					1	1
PAI	TE PROFANCE DISCHOLDER SHEVANTA	244	alu	Tims	. 4	. 10	E					1
PAT	TE SHUBHAM MANDEUMAN BUNANDA	4	•	0	. *1	-			J			1
PA.7	TO WILLIAM PROFESSION MINUSURA	A	1	H	1 .1	KI					+	1
-	WAR AMIT CHINTAMAN	fre	MA	A	Hm	130			-	-	+	4
120	WAA DINESH CHUNILAL KALIDEVI	0 × 4	A	87	14	20				-	1	-
T		Que	-	aus	Shull	A	1		1			
Park	VAR SMUBILANI PRADETP RUPAU	A	Δ	Δ	al.	14-			1		1	
MEDI	MEKAR SUIAN RAPIL SMEHA	1	1	4	A	A					1	1
200	N YESPHAN MOREN MAYA	A	A	H		al.	-	_	1		1	+
***	TE OHRAS SURTSH SUCHTA	A	A	A	P	A			-	-	-	-
	U WOITA	Birmin	A	SAMELE	Kimak		8 1		1			-
	777.070	A	A	A	Ā	A	1			10	1	
CIII	ARI SWASTIE SHPKANANO SHORMA	200	Var	A	Psay	A						
MA	LE PRASAD VUNY	18/2	1		1						1	1
WA	R DERAG RAJENDRA ROOPA	B	H	A_		A	-				+	-
hor	NT CHETAN GARPAT PANKHU	1	A	M	A	1						
	HANDRESH BEUMOHAN INDU	A	A	A	A							
	- In the second	1	1	A	A	A	1 8					
AM	SIDDHESH DIGAMBAR DIPASHREE	Margar	13	N. W.	1	77.000		-	1	-	-	
1400	O BHAGYASHREE PRAEASH KAWTA	200	11 0	Second Line	A	A			-		-	
нос	D KASIM ALI SHAMIM	A	FA	B	A	A						
	and and have experient	A	A	(XY	A.	A				1		1
333	DHAR GREEIA MUKUND SANGEETA	Mires 1	State .	200	myrita	A						
		1	A.	A	49	A						
API	E PRAJVOT TUKARAM POGIA	med	200		A	P			1		+	
,AR	GANESH SAMGAPPA SAVITA	/ 9	1	an Bil		-			-	_		
	KAR ROMAK YATISH SMEHA	11	FN.	+1	1.1	47	E 21	l	29	40	- 1	9 0





VIVA INSTITUTE OF TECHNOLOGY Shirgaon, Virar (E), Tal: Vasai, Dist: Palghar – 401 305.

CIVIL ENGG. DEPARTMENT



met: NAM	OLDI/2018 (E OF THE FACULTY)		V1	VA Institute o SHITHGAON I.E. DIV B	CIVIL SE	M VIII	SHE!	Deli 15	*1/341#	-8.00	
evita jen	S OF THE REAL PROPERTY.	266	276	28/	pala	306	H250	A 10 S	The same of	and co	to ta
	STORIGHT STORY	Vilal	1	VILOD	0	A	-			The Printer	in the
*1	SAWANT PRATICAMESH MUAS YIBHAYARI	A	05	0	19	^					-
42		Checks	M	1. nat	-10	y's					
4)	777	1	Rad	10	4-6	N)					1
44		Tin	A -	Expo	: 13.0	14/92					
45	SHAIRH BYAN ASHRAF SHAHEN	TA	A	Y	parel	n		1 514		1	
46	SHARMA RAUMUMAR BARAN KIRAN	a aby	aspet	Pohit.	0	1		0 75		1	1
47	SHELAR ROHIT KESHAV	D'aut	Amil	A	Alaut	Hay	===			-	1
48	SHEWALE ALAY KANDKUMAR SUMANDA	Hon	-KUS	47	HOW	A				-	1
*	SHOWALE HARSH SUNIC BHAVANA	1	- tra	7		1	-		_	+	1
50	SHINDE CHINNAY MEING SANGEETA	(N)	20	CAN.	-	0				1	1
31	SHINOE SONALI GAMESH SHAADOHA	1	0	V Cik		0				-	-
52	SHINDE SWAFFIL SHIVAS SANGEETA	MAN	A	and a	#	A			-	- 8	+
53	SHIRKE JAYANT DAGASAHER LAUTA	4	A	A	A	A			5 1	-	-
54	SHIVALKAR HUTUIR DISAMBAR AHKITA	(H)	A	CP.	A.	A			0		-
55	SINGN HIMANSHU HARIYESH	TOH	A	11000	The	Land	Legis and				_
56	SONAWANE HEMANT RAJARAM	A	(B)	A	B	-AP		1 1	740		
-	TAMBE DEEPAK DINESH DAKSHANA	2	A	E	A	-1					
	TARE AADESH SURESH SURENNA -	tione	- Free	A	ter	Jose					
1	William Inflam to commence when he are	4	A	A.	Α	A	Ÿ.	9 (4)	100	3	
3	THAKUS HIRAJ PRAMOD MADHAY	Py	A	FALL	HORE	Δ		0 - 13			
1	MOMBARE ROHET NAMOEY	4	A	A	1	Δ					
1	UPADHYAY ABHISHEKKUMAK	DU	A	1.4-	1	3000		7			+
2 1	VAGAI SURAI SUBHASH USHA	Pu !	140	12	1 00	The Ol	-			-	+
3 1	VAITI YASH DEEPAK VIJIAYA	7	4	YOU	May	yast			-	-	+
4	FILAKARAN KUMAR NADUPULAI	-firmer	1	Chance	A	CA		Trav)		+	+
5	VINERKAR RUPESH JAHARDAN JAYASHREE	A	4 July	(A)	Rule	A					_
6	WASH MIHIT RAVINDRA VIDHYA	minis	A	TOMO	TENDO	men					
	WAGHMODE SACHIN	MUS	Carlin	Coulin	A	A					
20	Water and the same of the same of	0	Rinters	anto	Parlan	n A			- 1	1	
	YADAY ADARSH SUNIL CHHAYA	L CALLY	A	tala	M	77	-	-	-	_	1
59	YADAY ARUNKUMAR JAWAHARLAL	you w	- 11	YW.	0	P C		-		1	+
70	YADAV PANKAI LALLANPRASAD LAUTA	TH	The same	UA	tas	12	-			-	-
71	YADAV VIHAY RAMSHANKAR JUGRADEVI	A	किंग	R	H	A	_				-
72	ZAGADE ASHRITA VINAYAK VINITA	(M)	-A	N	W	(W)					
73	ZANJ VIRAJ VASUDEV VINITA	4	Q I	W	A	(W)					





VIVA INSTITUTE OF TECHNOLOGY

Shirgaon, Virar (E), Tal: Vasai, Dist: Palghar – 401 305.

CIVIL ENGG. DEPARTMENT





Late Shri Vishnu Waman Thakur Charitable Trust's

VIVA INSTITUTE OF TECHNOLOGY

Approved by AICTE New Delhi, Affiliated to University of Mumbai Shirgaon, Virar (East), Dist: Palghar — 401 303, Maharashtra



Certificate of Participation

This is to certify that Dr. / Mr. / Ms. Mehta Kaustubh has attended one week course on "Recent trends in Civil Engineering" organized by Civil Engineering Department from 26th June 2017 to 30th June 2017 at VIVA Institute of Technology, Shirgaon, Mumbai.

(Prof. Ramya Raju)

Co-ordinator

(Prof. Lissy Jose)

Head of Civil Engg Department

(Dr. Arun Kumar)

Principal



VIVA Institute of Technology

Approved By AICTE, New Delhi, DTE, Govt. of Maharashtra
Affiliated to the University of Mumbai
Shirgaon, Virar(E.), Dist: Palghar- 401305, Maharashtra

DEPARTMENT OF FIRST YEAR ENGINEERING

ACADEMIC YEAR-2017-18

VALUE ADDED COURSE

NAME	SOFT SKILLS
DURATION	(1 WEEK) 30 HRS
DATE & TIME	2 nd Jan to 6 th Jan 2018/9.30am -12.30am and 1.30am -4.30am
RESOURSE PERSON	Mr. Prashant Pawar & Mrs.Trupti Patil

COURSE OBJECTIVE:

To help the future engineers to understand and implement soft skills in the work environment.

Aim: The course can help future engineers to improve their communication, problem-solving and presentation skills with an aim to land a better job.

SESSIONS ON SOFT SKILLS FOR FIRST YEAR ENGINEERING STUDENTS

Session 1.	Soft Skills and You
Session 2.	Interpersonal Communications
Session 3.	Leadership Management
Session 4.	Preparing for Employment
Session 5.	Group Discussion
Session 6.	Resume Building
Session 7.	Mock Interview
Session 8.	Presentation Skills
Session 9.	Communication at Workplace
Session 10.	Workplace Etiquette





H.O.D DR. Ajazul Haque

Late Shri. Vishnu Waman Thakur Charitable Trust's VIVA Institute of Technology Academic Year: 2017- 2018 First Year Engineering

Attendance	for certificate	courses
------------	-----------------	---------

	Date	2/1/2018		3/1/2018		4/1/2018		5/1/2018		6/1/2018	
	For time	930	1.30 -	930	4.30	330	4:30	1230	430	930	4.30
R.NO.	Name Of Participant	Session 1	Session 2	Session 3	Session 4	Session 5	Session 6	Session 7	Session 8	Session 9	Session 10
1	ATIGRE SWAGAT SHANKAR	Guerra	Sugar	Sougat	huget	Spajak	9-34	Sugar	3 words	Shogal	Burgal
2	BHISE JAY PRASHANT	Mark	11.1-3	Heller	Bhite	Palace	Bluss	Blue	Brise	Bhysia	mas
3	BHOIR HARDIK DAYANAND	MILL	Dr.	Phone_	26400	Herell	mayer	Hospits	- House	House	Hoodil
4	CHOUDHARY TEJAS MOTILAL	100	Lyon	Types	Tesas	Topas	Teres	Telon-	T0/202	Terior	Mas
5	CHOUGULE RITESH VILAS	artele	Fren	aston	Rites to	Pary	Pider	Pitab	Ritor	RACH	French
6	DARDE GAURANG PRAKASH	No 195	Darge	Done	Corge	Dans	- arre	Darge	- ange	Dorse	Dresc
7	DENNIES RAJI THOMAS	Rosi	Royi	Fax	Pers	Pay	Raji	Pays	Pagi	Page	Pag 2
8	DHADIWAL RITESH NANA	Reholi	Riber	Pikel	Pity h	Polests	Better	Bensy	Ritgh	PHUR	Potoh
9	GHODKE SAMEER BABURAO	Simila.	Patrola	Sovem	Schale	Stylin	Hylnos	Stepholen	ganary.	86Kole	RAOL
10	GAVAND RITUL RAVINDRA	Roberty	Rawe		Page 1	- Referre	Ryours	Phoneum	part	Region	Referen
11	GURAV SWAPNIL PANDURANG	Stace	Spel	Space	Sma	good	8000	20-2	50002	5000	Sprent
12	MAHADESHWAR PURVA PANDURANG	this/4.	pina	5una	pura	gunva.	punta	yturne	Bunk	hours	Simil
13	MAHINDRAKAR CHETAN CHANDRAKANT	driver	cheter	chebon	Chara	chara	chefor	Chile	chelen	dum	Chor
14	MANE ADITYA PRASHANT	Amer	amore	DAME	Aman	Genera	Dans	Donoth	Dogan	Donne	Front
15	PADVI POOJA VIJAV	Bby	PN	ppy	ma	000	bles	VYG	AN	CON	177
16	PAI DISHANK DINESH	Down	129C	Dani	Doan	400	Spari	Don	phen,	Den	Dhai
17	PAL RAHUL SHRIJAI	ROW	Rport	Ryan	River	RHON	Real	Apa1	RAW	A.m.c	Dir.
18	REPAL OMKAR SHIRISH	man	cher	chiley	onles	robblec	omen	contenes	owleak	where	choles
19	SARVANKAR ANAND DASHARATH	500	2000	8000	800	Caro	8000	280	CARS	SAM .	5000
20	NEDUMATION ARUN BABU	Arw	ann	grown.	Day	Arris	Evens	open	Throng	Amy	Die
21	RANA ABHISHEK MUKESH	Paron	Romer	form	Renn	Reno	gare	Rana	Rance	any	Ran
22	RANE YASH NILESH	Villey	Viler	Vices	VJCY	Wor	VICAL	Libord	Vitor	Vices	VIERD
23	RATHOD VIKAS LALJIBHAI	pu	Ru	IRL	JRW -	RU	WE	Vev	VW	(44	URV
24	SALVI SHUBHAM SANJAY	prestuce	Prosh	blayer	prem	Chry		Jaron	born	Presh	presu
25	TIRODKAR PRATHMESH GAJANAN	Apren	town	Charm	town	Teran	Moren	JEX	Con	Toran	Fran
26	SHARMA VIKAS SOMDUTT	Aflerd	Vilcas	Mpcs	VIKEY	Viker	Viker	Viter	11/2-	V/Kag	Stor.
27	SHETTY DEVASHISH PRAVIN	200	Sper	you	Som	your	Sper	SDEW	Stren	goes	80KW
28	SINGH ADITYA SANTOSH	asungl	Brugh	Drug	Berigh	M5Wh	Bang	BIM		Drug	BING
29	CHAUHAN RAJENDRA SHIVNARAYAN	Benich	chagena	dilm	And it is a second and the second area.	apriler			+ Bostons	Bern	(he
30	DANDEKAR CHINMAY	cherry	change	Over	chure	tohing	Churan	chisan	Chuny	Char	& chips
	Name & Sign of Speaker			-	IFA.	150	MT CO	WILL	15 (1)00	KI TIL	17 19 VA





VIVA Institute of Technology

Approved By AICTE, New Delhi, DTE, Govt of Maharashtra Affiliated to the University of Mumbal Shirgaon, Virar(E.), Dist: Palghar- 401305, Maharashtra

CERTIFICATE OF PARTICIPATION

This is to certify that Mr. SWAGAT SHANKAR ATIGRE

attended one-week Program on "Soft Skills" organized by Firsf Year Engineering Department Of VIVA Institute of Technology from 2nd Jan to 6th Jan 2018.





H.O.D Dr. Ajazul Haque

